

Transcript | Hacks for Working with Power BI

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00:00:12.050 --> 00:00:21.380

Natalia Williams: Hello, and welcome to this Masterclass event on Hacks for Working with Power BI. My name is Natalia Williams, and I'm an event planner here at Apolitical

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00:00:21.490 --> 00:00:31.279

Natalia Williams: Today, we're looking at how to use Power BI from understanding what it can do to creating your first dashboard, learning some useful hacks along the way.

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00:00:31.510 --> 00:00:44.820

Natalia Williams: For those of you who might be joining us for the first time, welcome. Apolitical is the world's largest network for government, used by more than half a million public servants and policymakers across 170 countries.

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00:00:45.230 --> 00:01:02.280

Natalia Williams: Apolitical is a strategic partner to governments, helping them prepare their workforces for the future. We achieve this by upskilling through expert-led learning programs and peer communities, as well as by building innovative AI-powered tools designed for and with government.

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00:01:02.740 --> 00:01:19.830

Natalia Williams: It would be great to hear from you all too, so do post in the chat where you are joining us from, and what organizations you work for. I'm joining from a quite warm London, UK today. And while you're introducing yourself, I'm going to get into a few quick bits of housekeeping.

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00:01:19.970 --> 00:01:27.619

Natalia Williams: So, firstly, I will mention that this event is recorded for on-demand viewing on the Apolitical website, so please don't record it yourself.

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00:01:27.920 --> 00:01:43.140

Natalia Williams: We'll also be using the recording to generate event insights, including with AI-powered software. As this session is running on Zoom webinar, we won't collect your video or audio data, but personal data you share in the chat may be captured.

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00:01:43.320 --> 00:01:56.829

Natalia Williams: Contact details for privacy concerns are in the Apolitical homepage footer. Closed captions are available in your own language and can be toggled on or off in your screen settings. My colleague will post the instructions in the chat.

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00:01:58.150 --> 00:02:17.679

Natalia Williams: And secondly, we'd love to introduce you to the Data Skills Network on Apolitical. It's a space to ask questions we don't always get time for at work or at events like this. For example, any follow-up questions you might have once you've explored Power BI further, and my colleague will post the link to the community in the chat as well.

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00:02:17.810 --> 00:02:35.079

Natalia Williams: All right, let me just have a look at some of the introductions. Amazing, so many of you, hello! I can see Wet Glasgow, oh, sorry, and Canada, Ipswich, UK, more from the UK, more from Canada, hello everyone!

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00:02:35.110 --> 00:02:53.040

Natalia Williams: I can see somebody joining us from Ghana and Nova Scotia. Amazing. Welcome, everyone. So great to have you here today. So, before we introduce our wonderful speaker, we're going to run one poll just to get a sense of where you are coming from into today's topic today.

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00:02:53.130 --> 00:02:59.100

Natalia Williams: So, the question is, what's stopping you from using Power BI more?

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00:02:59.250 --> 00:03:05.329

Natalia Williams: So the options are, I don't know where to start, or I don't have time to learn it.

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00:03:06.070 --> 00:03:09.589

Natalia Williams: I don't know what it's actually useful for.

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00:03:09.890 --> 00:03:12.420

Natalia Williams: Hopefully today we'll answer this question.

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00:03:12.600 --> 00:03:19.169

Natalia Williams: Maybe it feels too technical for me, and the last option is I already use it, so...

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00:03:19.660 --> 00:03:25.750

Natalia Williams: Nothing's stopping you, so I'm just gonna give you a second... To vote...

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00:03:26.620 --> 00:03:33.000

Natalia Williams: I cannot see the answers yet, but hopefully I'll see them when they're shared.

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00:03:40.210 --> 00:03:41.180

Natalia Williams: Okay?

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00:03:43.220 --> 00:03:56.669

Natalia Williams: So, the results of this poll are, well, we have the majority, don't know where to start. Well, this is the great event to attend, to answer this question, and

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00:03:56.670 --> 00:04:03.479

Natalia Williams: A lot of you already use it, so that's great too. Hopefully you will learn something, some new hacks as well.

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00:04:03.800 --> 00:04:18.590

Natalia Williams: Wonderful. Thank you so much for taking part in the poll, and now introducing our speaker. We are fortunate to have a dedicated Power BI trainer, Rocio, joining us very early in the morning today in California. It is 7am right now.

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00:04:18.589 --> 00:04:24.959

Natalia Williams: So, Rocio Mora is a Senior Data Analyst at the California Office of Data and Innovation.

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00:04:24.960 --> 00:04:40.780

Natalia Williams: She leads efforts to strengthen how teams across California state government use data. She works with teams to adopt self-service analytics and make data easy to access and act on, including leading a Power BI course designed for government workers.

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00:04:40.890 --> 00:04:50.020

Natalia Williams: She is especially interested in human-centered and iterative design, with focus on creating tools that meet the needs of the people who use them.

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00:04:50.030 --> 00:05:01.499

Natalia Williams: And you can read full bio by visiting the resources tab at the bottom of your Zoom screen, and head into the speaker section. All right, welcome, Rocio, so great to have you here.

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00:05:01.500 --> 00:05:14.950

Natalia Williams: Before I hand over to you, we will have 5 minutes for questions after your presentation, so attendees, please do post your questions in the Q&A tab as we go today. So, Rocio, over to you.

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00:05:15.510 --> 00:05:21.269

Rocio Mora: Awesome. Thank you, Natalia. Thank you, everyone, for joining. I'm gonna go ahead and share my screen.

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00:05:22.380 --> 00:05:40.200

Rocio Mora: And we're gonna get started. So today I'm gonna give you an introduction to Power BI by walking you through a complete workflow. So first, we'll connect to a data source. Then we'll go ahead and prepare that data for analysis.

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00:05:40.500 --> 00:05:45.790

Rocio Mora: Then we'll create a simple report, and at the end, we'll publish that report to the cloud.

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00:05:46.180 --> 00:06:02.870

Rocio Mora: And so along the way, you're gonna see two of the main components of Power BI. That first one is what you see right now on my screen. This is Power BI Desktop. It is a free program that you can download from Microsoft. This is where you.

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00:06:03.630 --> 00:06:22.440

Rocio Mora: clean and process your data. Power BI Desktop is also where you create your reports. And then the second one I'm gonna pull up is Power BI Service. So I hope you can see this right here. This is where you then go ahead and publish your reports to the cloud so that other people can access them.

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00:06:22.880 --> 00:06:35.659

Rocio Mora: So we're gonna go ahead and get started. So in Power BI Desktop, you can connect to many different types of data sources. You can connect to, for example, Excel, SQL, the web.

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00:06:35.660 --> 00:06:43.519

Rocio Mora: For today's case, we're gonna go ahead and connect to an Excel file that I have saved on my OneDrive.

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00:06:43.600 --> 00:06:46.479

Rocio Mora: I'm going to show you that file real quickly.

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00:06:47.660 --> 00:07:07.049

Rocio Mora: Here it is. I'm using population estimates that I obtained from the California Department of Finance. You'll notice that this workbook has two tabs. There is a column that contains the state and its counties, as well as several fields with population estimates across several years.

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00:07:07.050 --> 00:07:20.969

Rocio Mora: This is a very common way to organize data. It's really easy to scan the data. I also know that this format works really well for data entry, but for our purposes of creating a report, we are going to have to reorganize it a bit.

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00:07:21.160 --> 00:07:32.750

Rocio Mora: So let's go ahead and connect that. This is living again in my OneDrive, so I'm gonna go back to my OneDrive, and I'm gonna access, the details pane of my file.

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00:07:33.080 --> 00:07:42.629

Rocio Mora: So, I'm gonna scroll to the bottom, the details pane, and then at the very end, we have access to the direct path to this workbook, so I'm gonna go ahead and copy that.

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00:07:43.330 --> 00:07:47.430

Rocio Mora: And I'm gonna paste that into my connector in Power BI.

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00:07:48.330 --> 00:07:54.140

Rocio Mora: So I'm gonna go ahead and select the web connector. Notice there's also an Excel workbook.

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00:07:54.320 --> 00:08:00.989

Rocio Mora: But I'm gonna choose the web connector since my workbook lives on OneDrive and not my desktop.

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00:08:01.250 --> 00:08:04.430

Rocio Mora: I'm going to paste that there and select OK.

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00:08:05.730 --> 00:08:15.900

Rocio Mora: And it's gonna open to a navigator pane. The navigator pane allows me to preview my data. You'll see the two, worksheets that were in our workbook.

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00:08:16.010 --> 00:08:26.280

Rocio Mora: We're only going to work with the first... with the second one, the county-state data, so I'm going to select that, and then click Transform Data to then open up the Power Query Editor.

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00:08:28.310 --> 00:08:36.919

Rocio Mora: And so this, Power Query Editor opens in a separate window, separate from my Power BI, I guess, view.

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00:08:37.280 --> 00:08:42.860

Rocio Mora: Power Query Editor is what you use to clean and transform your data.

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00:08:43.230 --> 00:08:51.289

Rocio Mora: On the left-hand side, you have a queries pane that lists the tables that you've connected to. In our case, it's just the one.

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00:08:51.370 --> 00:09:00.699

Rocio Mora: And on the right-hand side, you have a list of applied steps. Power Query lists each transformation that you apply.

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00:09:00.760 --> 00:09:14.700

Rocio Mora: So it could be anything from removing a column, renaming columns, joining fields. In this case, for this specific dataset, it went ahead and automatically connected to the source.

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00:09:14.740 --> 00:09:21.339

Rocio Mora: It then navigated to the worksheet that we wanted, and then it automatically updated the data types.

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00:09:21.640 --> 00:09:34.160

Rocio Mora: You'll notice that the column headers are not the correct ones, and so also those data types are not correct. So we're gonna go ahead and quickly fix them before we, create our report.

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00:09:34.410 --> 00:09:44.060

Rocio Mora: I'm going to start by, deleting this first, this third applied step of updating the data types, since they're not correct.

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00:09:44.280 --> 00:09:47.369

Rocio Mora: And we'll go ahead and update them at the end.

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00:09:47.960 --> 00:09:52.329

Rocio Mora: And then you'll also notice that the column headers are in our first row.

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00:09:52.790 --> 00:10:04.639

Rocio Mora: There is a transformation, called Use First Row as Headers, and so if I click that, it's gonna allow me to promote that first row into my headers.

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00:10:04.970 --> 00:10:07.279

Rocio Mora: And so now we have the correct headers.

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00:10:07.650 --> 00:10:17.189

Rocio Mora: You'll notice that Power Query automatically recorded that step under Applied Steps, and then it also automatically updated the data types for us.

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00:10:18.300 --> 00:10:26.789

Rocio Mora: And so, before moving forward to creating our report, I want to reorganize the structure, the format of the table.

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00:10:26.970 --> 00:10:32.260

Rocio Mora: You'll notice that our population estimates are spread across different fields.

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00:10:32.430 --> 00:10:46.610

Rocio Mora: And I want to just have 3 fields. I want to keep this state county field, and then I also want a second field for the year, and then a third one for population estimates. So I'm going to go ahead and select State County.

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00:10:46.760 --> 00:10:52.290

Rocio Mora: And I'm gonna select the transformation to unpivot other columns.

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00:10:53.760 --> 00:10:59.679

Rocio Mora: Again, this reorganizes the data for me, and now I have the three fields that I was looking for.

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00:11:00.050 --> 00:11:04.049

Rocio Mora: I'm gonna go ahead and rename this field to Year.

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00:11:04.610 --> 00:11:09.170

Rocio Mora: And I'm going to rename, this one to Population Estimate.

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00:11:09.460 --> 00:11:10.560

Rocio Mora: estimates.

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00:11:13.460 --> 00:11:21.869

Rocio Mora: And then the last thing I'm going to do is I'm going to, update the data type for the year from the text field to a date.

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00:11:22.460 --> 00:11:31.939

Rocio Mora: I don't want my data to have the full day, I only want the year, so I'm gonna use the date transformation to extract that year.

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00:11:34.010 --> 00:11:39.470

Rocio Mora: Okay, and so now we have our data the way we would like it in order to create the report.

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00:11:39.650 --> 00:11:49.890

Rocio Mora: Before moving forward, I just want to share two, important things about the Power Query Editor. The first one is that

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00:11:50.190 --> 00:11:59.990

Rocio Mora: Transformations that take place right here don't change the original Excel file. So your data source is going to remain the same.

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00:12:00.350 --> 00:12:06.580

Rocio Mora: And number 2... Power Query saves each transformation as a step.

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00:12:06.870 --> 00:12:09.859

Rocio Mora: So whenever you refresh your data.

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00:12:10.060 --> 00:12:16.090

Rocio Mora: Power BI will automatically run these steps again in this same order.

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00:12:16.540 --> 00:12:27.850

Rocio Mora: So this means, this is the power of what Power, I guess BI allows us to do, that you don't have to repeat the same cleaning steps, each time that your data is being updated.

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00:12:27.980 --> 00:12:29.449

Rocio Mora: Which is really nice.

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00:12:30.090 --> 00:12:37.999

Rocio Mora: So let's move forward and create our report. I'm gonna go to the Home tab, and select Close and Apply.

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00:12:38.510 --> 00:12:42.480

Rocio Mora: To load our data into our report editor.

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00:12:43.200 --> 00:12:46.300

Rocio Mora: Notice that the power query window closed.

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00:12:46.820 --> 00:12:58.079

Rocio Mora: This is, report view. This is where we create our reports. There is a visualizations pane that allows you to select different types of charts.

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00:12:58.080 --> 00:13:08.819

Rocio Mora: And then there's also a data pane on the right-hand side. Once our data loads, you'll be able to see the table appear right here, as well as the three fields that were in that table.

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00:13:09.290 --> 00:13:14.219

Rocio Mora: Might take a second. Okay, there it is. So we have our table and the three fields.

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00:13:14.660 --> 00:13:20.540

Rocio Mora: Let's quickly create a... a few visuals. So I'm gonna select

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00:13:23.230 --> 00:13:31.719

Rocio Mora: Yeah, I'll go ahead and select this bar chart, that way we can visualize Population estimates across counties.

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00:13:31.830 --> 00:13:38.249

Rocio Mora: So I'll bring in... The state county feel, as well as the population estimates.

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00:13:40.130 --> 00:13:42.679

Rocio Mora: There you go, I'll zoom in a little bit.

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00:13:45.800 --> 00:13:53.860

Rocio Mora: Our dataset included California. I want to go ahead and remove that, so I'm going to use my filters pane.

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00:13:54.340 --> 00:13:56.780

Rocio Mora: to filter out California.

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00:13:57.530 --> 00:14:08.439

Rocio Mora: Awesome. And if you remember, our dataset included several years, so I'm also going to bring in the year field to just select for the current year.

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00:14:09.330 --> 00:14:10.700

Rocio Mora: 2026?

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00:14:13.740 --> 00:14:27.489

Rocio Mora: If you were to add a new data, for example, 2027, and you were to refresh, that data will also populate here in this report. Of course, we have it filtered for 2026, so you wouldn't see it.

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00:14:29.340 --> 00:14:32.430

Rocio Mora: You can also create multiple pages within one report.

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00:14:32.610 --> 00:14:38.010

Rocio Mora: For this one, let's look at population over time.

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00:14:38.490 --> 00:14:41.960

Rocio Mora: Line charts is a good way to look at trends over time.

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00:14:42.100 --> 00:14:47.369

Rocio Mora: I'm going to bring in the population estimate, as well as the year.

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00:14:55.480 --> 00:14:59.949

Rocio Mora: I am summing the year. I don't want to add it.

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00:15:02.090 --> 00:15:05.260

Rocio Mora: I'm gonna go check the data type for my year.

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00:15:09.160 --> 00:15:10.450

Rocio Mora: Mmm.

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00:15:14.960 --> 00:15:21.379

Rocio Mora: I'm gonna change this to don't summarize, since we don't need to add the years, and I'm gonna go ahead and go back.

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00:15:26.450 --> 00:15:28.700

Rocio Mora: Let's hope that fixes that.

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00:15:39.230 --> 00:15:40.619

Rocio Mora: It did not, huh?

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00:15:43.460 --> 00:15:51.569

Rocio Mora: We have year, which is, a whole number, and it's not summarized, and then we have population estimates.

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00:15:53.920 --> 00:15:57.149

Rocio Mora: That are also a whole number and are not summarized.

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00:16:06.100 --> 00:16:06.870

Rocio Mora: Oh.

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00:16:16.590 --> 00:16:21.460

Rocio Mora: Okay, let's try this with the bar chart over here. I want to add a slicer.

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00:16:24.010 --> 00:16:27.819

Rocio Mora: So you can quickly see the in... the... how you can interact.

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00:16:29.300 --> 00:16:31.770

Rocio Mora: With a report.

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00:16:32.770 --> 00:16:35.069

Rocio Mora: We'll just change gears a little bit.

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00:16:36.560 --> 00:16:41.500

Rocio Mora: And I'm gonna go ahead and add State County into the slicer.

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00:16:42.100 --> 00:16:53.000

Rocio Mora: And so now you have the list of counties, and so, your user now is able to come in here and select a specific county and filter your data for it.

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00:16:54.670 --> 00:16:57.169

Rocio Mora: How are we on time, Natalia?

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00:17:00.180 --> 00:17:03.180

Natalia Williams: We have about 5 minutes more.

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00:17:03.650 --> 00:17:13.799

Rocio Mora: Okay, so I'm gonna switch gears instead of troubleshooting the line chart, but I want to show you about publishing. And so we've connected to the data source, we've...

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00:17:14.270 --> 00:17:28.980

Rocio Mora: clean and process some of the data. We've also created this chart, and so then the next step is to go ahead and publish it. And so, to publish, you go ahead and click this publishing button right here. It's gonna ask you if you want to save it.

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00:17:29.410 --> 00:17:31.360

Rocio Mora: I'm gonna select yes.

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00:17:31.960 --> 00:17:36.500

Rocio Mora: And then I'm gonna... Label this test.

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00:17:36.790 --> 00:17:50.629

Rocio Mora: And when you publish, you get a window that looks like this. Everyone has a workspace. A workspace is very similar to a folder that is saved on your desktop that only you have access to.

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00:17:50.780 --> 00:18:06.770

Rocio Mora: And then if you have access to additional workspace, they will be listed here. So I only have one workspace, which is Analytics Accelerator. I'm not gonna go ahead and publish it there, since I already published it. So I'm gonna click cancel, and I'm gonna pull up my...

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00:18:07.610 --> 00:18:09.540

Rocio Mora: Power BI Service.

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00:18:10.080 --> 00:18:18.099

Rocio Mora: We are going to skip through some steps regarding publishing, so you can see what a user sees once you publish it.

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00:18:21.790 --> 00:18:22.910

Rocio Mora: Okay.

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00:18:23.640 --> 00:18:34.829

Rocio Mora: So this is Power BI Service. So then your user is then able to log into Power BI Service to access the report that you have published and shared with them. This is a chart we created.

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00:18:35.010 --> 00:18:41.389

Rocio Mora: I'll show you the other chart that I was attempting to create, which is a line chart with population.

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00:18:41.990 --> 00:18:46.829

Rocio Mora: Across several years, and a filter to be able to filter for each county.

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00:18:47.310 --> 00:19:02.459

Rocio Mora: You'll notice on the left-hand side that there's also another report, so you are able to bundle multiple reports into one and distribute them to your users. Power BI service is also the place where you, can manually refresh your data.

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00:19:02.460 --> 00:19:10.289

Rocio Mora: Or you can set up automated refresh, to update on a daily, weekly, monthly basis.

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00:19:10.290 --> 00:19:23.580

Rocio Mora: Another thing I like to do is also, subscribe to a report. So by subscribing, you get a copy of the report to your email inbox. Again, it's at a cadence that you.

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00:19:24.300 --> 00:19:25.030

Rocio Mora: This.

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00:19:27.450 --> 00:19:30.880

Rocio Mora: And so over RBIs you can use

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00:19:31.140 --> 00:19:46.230

Rocio Mora: To, again, connect to your data, to automate that cleaning process, especially if you clean your data more than once, create interactive reports, and just really make it easier for your users to come and explore the data, look for patterns, and find insights.

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00:19:46.370 --> 00:19:49.270

Rocio Mora: And so I'll go ahead and pass it on to you, Natalia.

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00:19:53.460 --> 00:20:02.920

Natalia Williams: All right. Thank you so much for that brilliant walkthrough, Rocio. And remember to keep dropping in any questions you have in the Zoom Q&A.

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00:20:02.920 --> 00:20:19.500

Natalia Williams: So, all right, let's move into the Q&A. And we already have a couple of questions. I can see a lot of emojis. Rocio, this is all for you. Thank you so much. Okay, let's start with a question from one of the attendees.

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00:20:19.500 --> 00:20:30.350

Natalia Williams: who's asking if you can share or suggest, which AI tools tend to be the strongest on giving Power BI instructions? Is it Copilot, ChatGPT, or others?

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00:20:30.350 --> 00:20:53.499

Natalia Williams: They're saying that they created better reports by asking AI to give them formulas and instructions on what to do, as they don't find it very intuitive, and they don't have high levels of ability. So sometimes they found that AI-powered solutions have worked, better, and yeah, have you had any experience of

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00:20:53.530 --> 00:20:55.439

Natalia Williams: using AI to give.

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00:20:55.440 --> 00:21:10.119

Rocio Mora: So I have not tested them all, so I cannot compare them, right, to recommend one. I do know that I have, used it, and given that I have used Power BI, sometimes I can catch when it's, when there's an error, when it's wrong.

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00:21:10.220 --> 00:21:19.479

Rocio Mora: Right? But I will say that it is the first place I start now, and then if it's incorrect, then I'll go back to my typical method of, like, Google searching.

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00:21:20.250 --> 00:21:22.060

Natalia Williams: Great.

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00:21:22.400 --> 00:21:42.379

Natalia Williams: Right, thank you. So, the next question is from another attendee. For someone new to Power BI, what's the simplest way to think about the relationship between Power BI, Power Query, and the other pieces where you are seeing... that we saw today?

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00:21:43.520 --> 00:21:49.060

Rocio Mora: Yes, so Power Query is, again, where you clean And process your data.

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00:21:49.320 --> 00:21:53.379

Rocio Mora: Right? So that's where you automate that step. And then...

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00:21:53.560 --> 00:22:02.340

Rocio Mora: And Power... the front end of Power BI is where you create your reports, and then Power Service is where you publish them and share them with other folks.

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00:22:03.760 --> 00:22:11.910

Natalia Williams: Okay, hopefully that answers your question, but feel free to, ask any follow-up questions. All right, what.

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00:22:13.690 --> 00:22:25.989

Natalia Williams: Sorry, one second. How do you add in, RAG, I'm not sure how to pronounce it, RAG status, with color visuals to a Power BI?

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00:22:27.030 --> 00:22:28.740

Rocio Mora: Can you repeat the question?

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00:22:28.740 --> 00:22:39.320

Natalia Williams: Oh, I think it's I think it's a question about the colors. Is there a way to add any color visuals to Power BI?

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00:22:40.450 --> 00:22:41.999

Rocio Mora: Like to edit the colors?

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00:22:42.490 --> 00:22:44.160

Natalia Williams: Yes.

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00:22:44.160 --> 00:22:48.490

Rocio Mora: Possibly. Let's go ahead and...

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00:22:49.480 --> 00:22:51.699

Rocio Mora: So I'm going to select my bar chart.

152

00:22:51.920 --> 00:23:05.670

Rocio Mora: Oh yeah, see, I didn't mention, so there is a formatting pane, and so very similar to Excel, if you're an Excel user, you can go ahead and format different things. I'm gonna quickly add, like, data labels, but there's also one for colors.

153

00:23:05.870 --> 00:23:06.920

Rocio Mora: Bars.

154

00:23:07.350 --> 00:23:09.460

Rocio Mora: We're going to edit our bars.

155

00:23:10.150 --> 00:23:14.580

Rocio Mora: And so we have different colors that you can select from.

156

00:23:15.580 --> 00:23:17.310

Rocio Mora: As well as enter a hex.

157

00:23:17.450 --> 00:23:18.250

Rocio Mora: code.

158

00:23:19.300 --> 00:23:20.650

Natalia Williams: Right? Yes.

159

00:23:21.490 --> 00:23:22.790

Natalia Williams: I am...

160

00:23:22.990 --> 00:23:34.740

Natalia Williams: Again, these are very technical questions, and hopefully that answered your question. Again, feel free to, follow up if that was, what you were hoping to get answered to. All right.

161

00:23:34.760 --> 00:23:46.119

Natalia Williams: So we have a question that got some upvotes, so I'm gonna go for this one. What are your, options for sharing and publishing if you only have access to Power BI desktop?

162

00:23:49.450 --> 00:23:56.940

Rocio Mora: I recommend speaking to your, like, department IT, so they can walk you through what.

163

00:24:00.060 --> 00:24:02.539

Rocio Mora: What is it called? What license type you have?

164

00:24:03.090 --> 00:24:06.660

Rocio Mora: Right? That way you can then figure out what are your options.

165

00:24:08.090 --> 00:24:13.160

Rocio Mora: Okay. Yeah, between internal, because you can also publish public to the web.

166

00:24:13.590 --> 00:24:14.520

Rocio Mora: As well.

167

00:24:14.980 --> 00:24:17.119

Natalia Williams: Yes. All right. Thank you.

168

00:24:17.660 --> 00:24:23.599

Natalia Williams: All right, let me have a look at any other questions that were upvoted.

169

00:24:24.300 --> 00:24:33.069

Natalia Williams: For the line chart, are you filtering it only, for the year 2026? So, I guess they're asking you to go back to...

170

00:24:33.170 --> 00:24:33.830

Natalia Williams: the filter.

171

00:24:33.830 --> 00:24:40.690

Rocio Mora: Let's see, we're gonna use my line chart that's correct. So on this one, I was attempting to do.

172

00:24:40.910 --> 00:24:47.250

Rocio Mora: Yeah, I kept all the years, so 2020 to 2026, and then for this specific instance, you can see

173

00:24:47.460 --> 00:24:54.309

Rocio Mora: for Alameda County throughout the years. For the bar chart, I did filter for 2026 only.

174

00:24:56.830 --> 00:24:57.680

Natalia Williams: Okay.

175

00:24:57.890 --> 00:24:58.970

Natalia Williams: Excellent.

176

00:24:59.230 --> 00:25:07.810

Natalia Williams: Right. Is it normal that my saved presentation go into a general bucket on the cloud rather than my own folders?

177

00:25:08.250 --> 00:25:10.250

Rocio Mora: Can you repeat it again for me, please?

178

00:25:10.250 --> 00:25:17.600

Natalia Williams: Is it normal that my saved presentation go into a general bucket on the cloud rather than my own folders?

179

00:25:19.040 --> 00:25:20.689

Natalia Williams: Has it happened with you?

180

00:25:22.280 --> 00:25:28.210

Rocio Mora: Yeah, I don't know the meaning of that. So a report goes into...

181

00:25:31.800 --> 00:25:47.209

Rocio Mora: So I will save my report... let me see if I understand. I'm gonna save my Power BI desktop report on my desktop, or possibly even my OneDrive. That's the actual file where you develop.

182

00:25:47.210 --> 00:25:56.220

Rocio Mora: But once you publish it to the cloud, that's to share it with others. So they will only have access to the front end of the report, they will not have access

183

00:25:56.840 --> 00:25:59.019

Rocio Mora: Where... to where you developed.

184

00:25:59.200 --> 00:26:02.109

Rocio Mora: Where you develop it, where you make the data processing in the charts.

185

00:26:03.010 --> 00:26:03.690

Natalia Williams: Right.

186

00:26:03.690 --> 00:26:04.380

Rocio Mora: That makes sense.

187

00:26:04.380 --> 00:26:13.759

Natalia Williams: Okay, yeah, hopefully. There is a question about, heat maps. How do you do a heat map?

188

00:26:14.230 --> 00:26:16.469

Rocio Mora: Let's see...

189

00:26:30.310 --> 00:26:33.429

Rocio Mora: A heat map through a table?

190

00:26:33.660 --> 00:26:35.130

Rocio Mora: Or maybe a map?

191

00:26:38.140 --> 00:26:39.580

Natalia Williams: Maybe a table?

192

00:26:39.990 --> 00:26:40.860

Rocio Mora: Okay.

193

00:26:41.970 --> 00:26:44.700

Rocio Mora: I'm not sure that I'll remember specifically.

194

00:26:45.330 --> 00:26:48.380

Rocio Mora: But it is possible.

195

00:26:48.380 --> 00:26:59.689

Natalia Williams: I think that would be a great question for our community, the data skills community, and hopefully there will be people who have done it before.

196

00:26:59.770 --> 00:27:16.519

Natalia Williams: your... peer public servants, so please do the... post this question in the community. Alright, let me ask you just one more question. How do you scrub and prepare data from external websites?

197

00:27:23.770 --> 00:27:37.120

Rocio Mora: Do you have a specific example? But usually, I am usually, given that Power Query is, like, a low-code to no-code, I am doing most of the cleaning and processing in Power Query.

198

00:27:37.350 --> 00:27:48.760

Rocio Mora: It's rare that I'll do it outside. But they are for those folks that are, like, Python and R users, there are connectors for that, in case you're doing that there, and then you connect that clean data set into Power Query.

199

00:27:49.680 --> 00:27:50.789

Rocio Mora: I'm doing that.

200

00:27:51.410 --> 00:28:06.879

Rocio Mora: And of course, it is, I said, a low code to no code, so, Power BI is automatically on the back end, writing that M code for you, but you are able to, let me see if I can open up my Power Query.

201

00:28:07.620 --> 00:28:10.099

Rocio Mora: You are able to go back

202

00:28:11.220 --> 00:28:14.480

Rocio Mora: transform data and open up your power query.

203

00:28:16.710 --> 00:28:18.550

Rocio Mora: Might take a while.

204

00:28:19.480 --> 00:28:26.119

Rocio Mora: Again, these are my applied steps. And so, if I go to View in Advanced Editor...

205

00:28:27.030 --> 00:28:31.459

Rocio Mora: Then you'll see the code, and you can edit directly as well. Sometimes that makes it easier.

206

00:28:31.630 --> 00:28:34.200

Natalia Williams: Yeah. Oh, that's a great hack.

207

00:28:34.780 --> 00:28:37.640

Natalia Williams: Hopefully, somebody out there...

208

00:28:37.760 --> 00:29:00.389

Natalia Williams: We'll take it. All right, so we've had some incredible wisdom from you, Rocio. Thank you so much. And I'd like to ask all of you to join me in giving a virtual round of applause. Thank you so much for taking your time so early in the morning. And most importantly, thanks to you all, an audience, investing in learning and being so engaged in this topic today. So many great questions.

209

00:29:00.550 --> 00:29:24.729

Natalia Williams: The team is going to pull up a quick poll to find out how you felt about today, which will help us continue improving our content, and we really appreciate your responses. We've already noted some of the comments in the chat about the session not being long enough, so that's always a good sign. All right, before we go, and while you're responded to that poll, I want to share a few more events that you can register for to join us again very soon.

210

00:29:24.940 --> 00:29:42.410

Natalia Williams: So, if you're not available to join live, remember that you can always register for the event in order to get sent the recording to catch up whenever it suits you. So, in two weeks, you can join us for a panel discussion on what this summer's extreme climate means for government.

211

00:29:42.410 --> 00:29:47.860

Natalia Williams: government's readiness and resilience in governing for the worst El Nino on record.

212

00:29:48.170 --> 00:30:08.340

Natalia Williams: So, for the policymakers and researchers in the room, join us for the next month for a live demo of a trustworthy comparatively... comparative policy research tool named PolicyNOVA, Closing the Trust Gap in AI Policy Research. This is a very exciting Apolitical new tool that we are launching very soon.

213

00:30:08.360 --> 00:30:19.499

Natalia Williams: And also the next month, we have another AI Skills Lab session on AI for career coaching, and my colleague just posted the links to all of these events for you to register.

214

00:30:19.640 --> 00:30:32.130

Natalia Williams: Alright, that is all we have time for today, and we hope you found it helpful, and we want to say a huge thank you to Rocio and everyone who's made today happen, and for taking your time out of your busy days.

215

00:30:32.240 --> 00:30:49.249

Natalia Williams: Keep an eye out for an email coming your way with today's recording and resources, and don't forget to comment under my, posts, and we hope that you see, we hope to see you at another Apolitical event very soon. Have a great day! Goodbye!