



# POWER BI INTERVIEW QUESTIONS

Asked in Service Based Company

**PART 1**



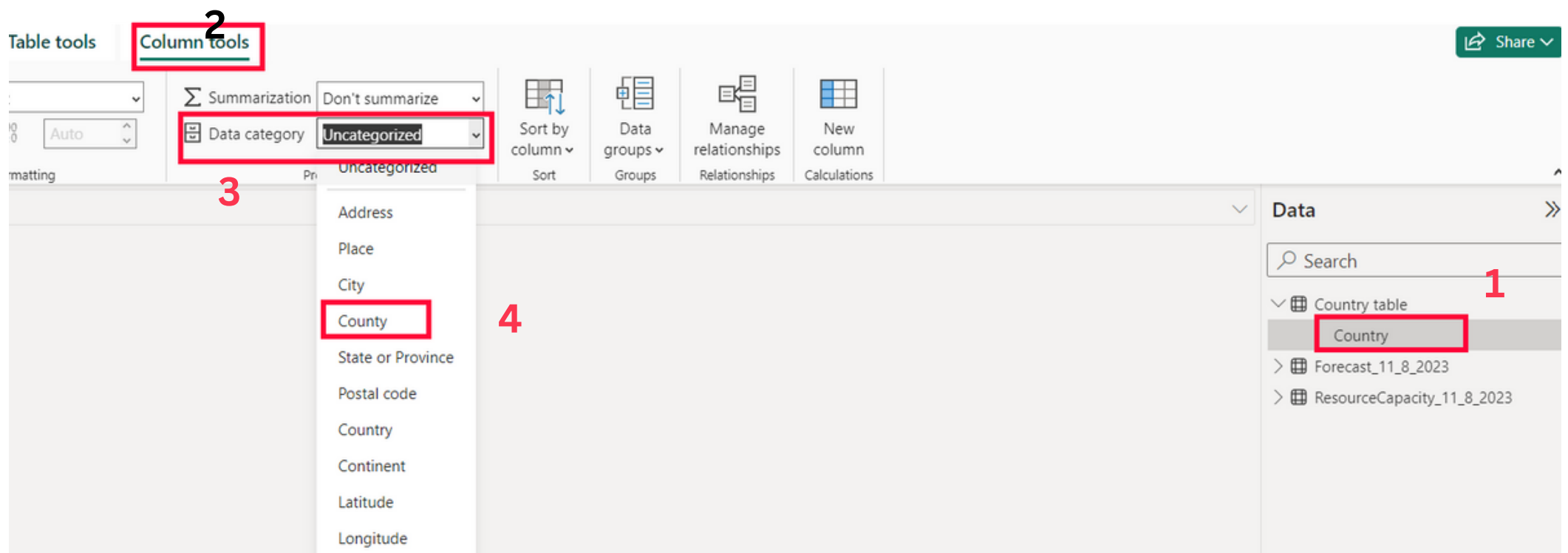
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1

## How power bi will identify country as different data type?

Select the county column and go to column tools Data category change to country.



## **How will power bi will compress more than 1gb file to less than 1gb while loading?**

Import models are loaded with data that is compressed and optimized and then stored to disk by the VertiPaq storage engine.

When source data is loaded into memory, it's possible to see 10x compression, and so it's reasonable to expect that 10 GB of source data can compress to about 1 GB in size.

## What is power bi architecture?

BI solution architecture can consist of:

Data sources

Data ingestion

Big data / data preparation Data warehouse

BI semantic models

Reports

## What is data flow?

A dataflow is a collection of tables that are created and managed in workspaces in the Power BI service. A table is a set of columns that are used to store data, much like a table within a database.

You can add and edit tables in your dataflow, and manage data refresh schedules, directly from the workspace in which your dataflow was created.

## **Power bi works what engine?**

Power bi works on Vertipaq engine/xVelocity



## How to create Multiple line chart?

If you want to compare multiple data series on a single chart, you can add multiple lines to your chart in Power BI. Select the "Line chart" option from the available chart types.

Drag and drop the data series you want to visualize into the "Values" field of the "Visualizations" pane.

## Difference b/w pie chart and donut chart?

A pie chart is a circular graph that shows individual categories as slices – or percentages – of the whole.

The donut chart is a variant of the pie chart, with a hole in its center, and it displays categories as arcs rather than slices.



## What is RLS?

Row-level security (RLS) with Power BI can be used to restrict data access for given users.

Filters restrict data access at the row level, and you can define filters within roles.

In the Power BI service, users with access to a workspace have access to semantic models in that workspace

## What is index column in power bi?

Create an index column to show the number of a row in a query.

This is especially useful when you are filtering by row position or by a range or rows.

The index column can help you confirm your results.



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