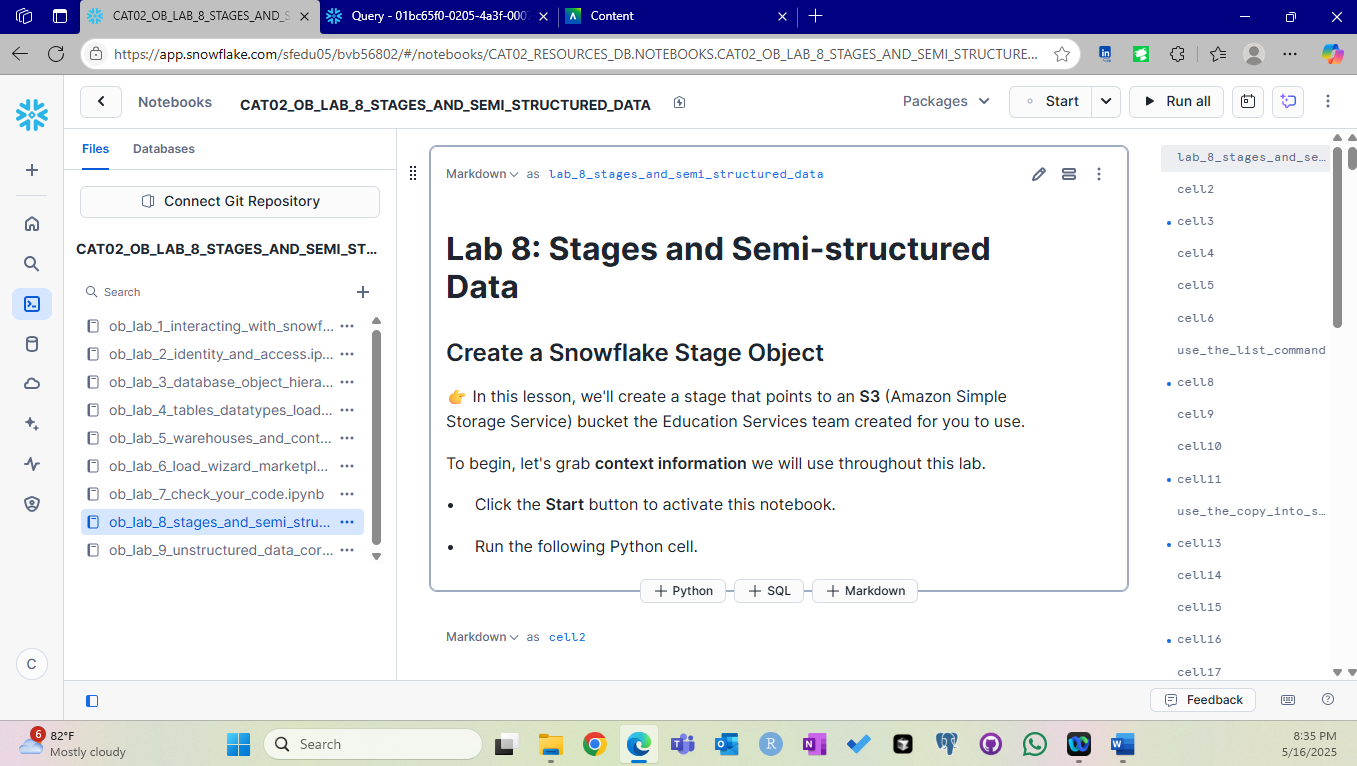
Lab 8: Stages and Semi Structured Data

1. Activate Notebook



1. Stage Creation

A screenshot of a computer

AI-generated content may be incorrect.

1. USE list command

A screenshot of a computer

AI-generated content may be incorrect.

1. Check your work – Check 8

A screenshot of a computer

AI-generated content may be incorrect.

1. USE COPY INTO command

A screenshot of a computer

AI-generated content may be incorrect.

1. Check your work – Check 9

A screenshot of a computer

AI-generated content may be incorrect.

1. Challenge

A screenshot of a computer

AI-generated content may be incorrect.

1. Check your work – Check 10

A screenshot of a computer

AI-generated content may be incorrect.

1. Create a table with variant data type

A screenshot of a computer

AI-generated content may be incorrect.

1. Load JSON data

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AI-generated content may be incorrect.

1. Query semi structured data

A screenshot of a computer

AI-generated content may be incorrect.

1. Create view

A screenshot of a computer

AI-generated content may be incorrect.

1. Check 11

A computer screen with a chat window

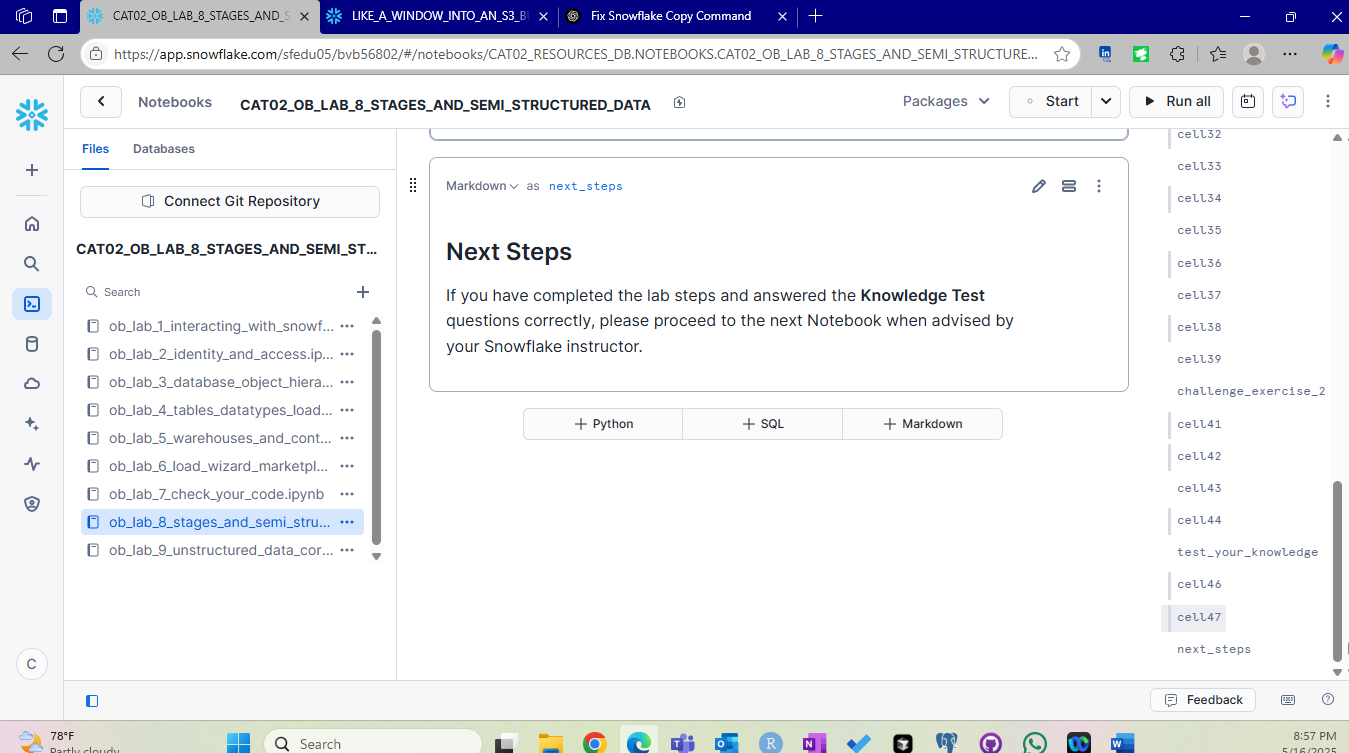
AI-generated content may be incorrect.

1. Knowledge Check

A screenshot of a computer

AI-generated content may be incorrect.

1. End session



Summary :

In this lab, we create a stage which is our window to connect to an external source (S3, Azure , GCP). Snowflake standardized naming conventions by converting everything to UPPERCASE. We then use COPY INTO statement to load the data from S3 bucket into a table. When loading the file we can make file format settings such as file type, delimiter, header. Using the variant data type we parse the semi structured data (JSON in this case) . The variant function flattens the rows for easy referencing. We create a view to showcase semi structured data and end the lab session after performing knowledge checks.