FILE INDEX:

1.Data Cleaning.ipynb – Category 1 queries

2.Descriptive\_Prescriptive.ipynb- Category 2 and 3 queries

3.Predictive.ipynb – Category 4- Predictive model

4.Dashboard – This is the streamlit dashboard. Please run from local cmd prompt

Source files:

Gestational Diabetes Data.xlsx – Raw source file. Used in the data cleaning file.

GDM\_Python\_Aug2025.xlsx – Final file used in all other Jupyter Notebooks except “1.Data Cleaning”

HELPFUL READING:

1. Python Hackathon-Reference Document

All the rules, the expectations and examples needed to do the hackathon.

1. Tableau dashboard of examples and rules:

<https://public.tableau.com/views/PythonAugust25/CategoriesandGradingExpecations?:language=en-US&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link>

All the information on the dashboard is also in the reference document

1. FAQs Python Hackathon: More help with GIT and the hackathon.