Project Proposal Business Module

Question/need:

- What is the framing question of your analysis, or the purpose of the model/system you plan to build?

ABC Medical Center is a healthcare organization predominantly operating in the east coast and wants to expand into California. Their request was to conduct preliminary analysis about medical centers in CA focusing on location, size and insurance reimbursement details. This analysis should enable the organization to make important decisions such as the size and location of their new facilities.

- Who benefits from exploring this question or building this model/system?

The analysis is aimed to help the board of directors at ABC Medical Center to come up with a strategic growth plan to expand into California.

Data Description:

- What dataset(s) do you plan to use, and how will you obtain the data?

Data is downloaded from California health and human services open data portal which contains key information about hospitals in California. Dataset contains 10901 rows and 16 columns. Here's the link - https://data.chhs.ca.gov/dataset/fourth-quarter-summary-hospital-utilization-net-patient-revenue-by-payer-source

- What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

Each row provides information about a hospital such as year, name, county, ownership, licensed beds, reimbursement by payer.

- If modeling, what will you predict as your target?

None

Tools:

- How do you intend to meet the tools requirement of the project?

Data will be imported and cleaned on Google sheets. Visualizations and a dashboard will be built on Tableau.

- Are you planning in advance to need or use additional tools beyond those required?

None

MVP Goal:

- What would a minimum viable product (MVP) look like for this project?

MVP will contain cleaned data in excel with some EDA necessary to build a dashboard on Tableau.