Pre-Feedback Report Napkin Drawings

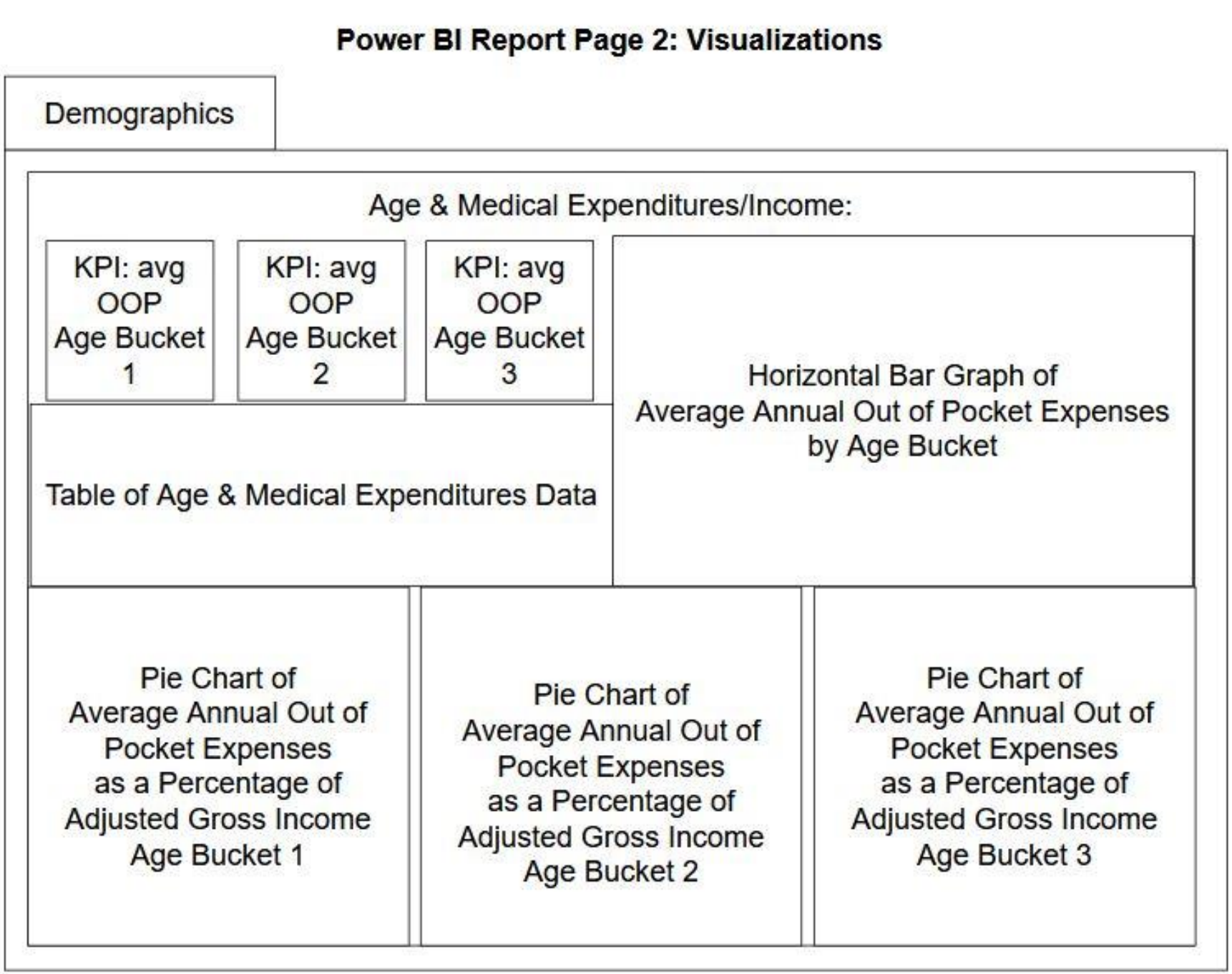
Power BI Report Page 1: Intro + Visualizations

Health Insurance in the United States

Brief Introduction
to Capstone Project

Heat Map of Percent of Insured People
by U.S. State
(Percent of Survey Respondents)

FEEDBACK:
JADR: clarify who our audience is and tailor the report to this audience
JADR: create one page for the general public; other pages for experts in the field



FEEDBACK:
JADR: a button or filter that will allow the user to find section of interest (if possible)
JADR: Age slide--> amount of data makes sense; for other slides, select which visualizations tell the story best; Slicers for different demographics (Ex: select one race on the race page)

Power BI Report Page 3: Visualizations

FEEDBACK:
JADR: Think about how to portray race (not in buckets!); Is the table necessary for the audience or would it be a data overload?

Power BI Report Page 4: Visualizations

Demographics

Ethnicity & Medical Expenditures/Income:
- KPIs
- Data Table
- Bar Graph
- Pie Charts

Power BI Report Page 5: Visualizations

Demographics

Sex & Medical Expenditures/Income:
- KPIs
- Data Table
- Bar Graph
- Pie Charts

Power BI Report Page 6: Visualizations

Additional Data Exploration

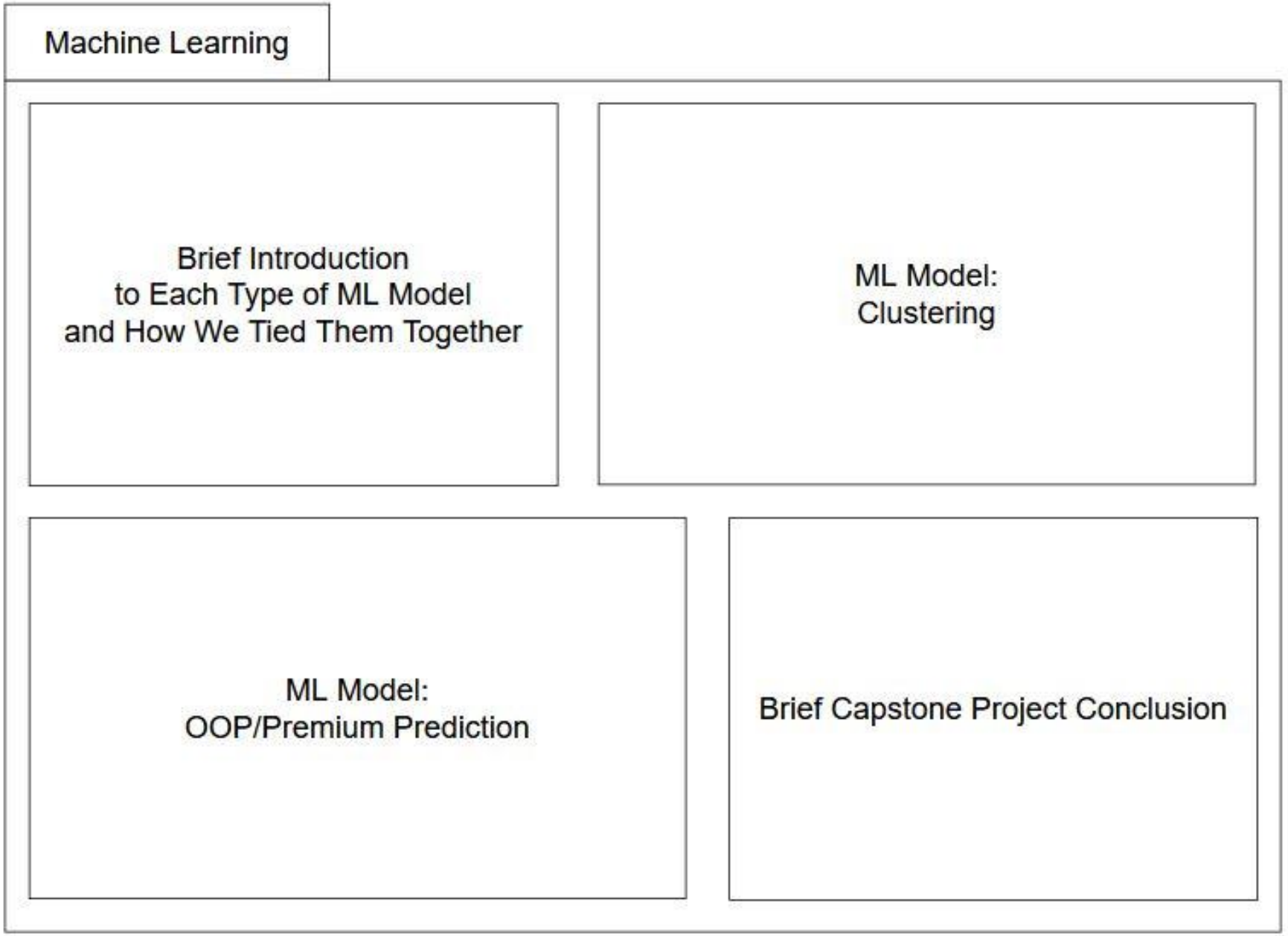
Industry & Medical Expenditures/Income:
- KPIs
- Data Table
- Bar Graph
- Pie Charts

Power BI Report Page 7: Visualizations

Additional Data Exploration

Private/Public/Self-Employed & Medical Expenditures/Income:
- KPIs
- Data Table
- Bar Graph
- Pie Charts

Power BI Report Page 8: ML



FEEDBACK:
JADR: make sure that the ML model used is describable (why our clusters make sense)
JADR: ML model Stretch Goal--> if we could have the audience input their demographics and output their OOP costs; summary of avg costs within that demographic
JADR: talk about implications of our model; same metrics sliced by clusters of our ML model
Super Financial Bros: ML model clustering--> pick 2 features to visualize and note that it is a 2D representation; entire page for conclusion