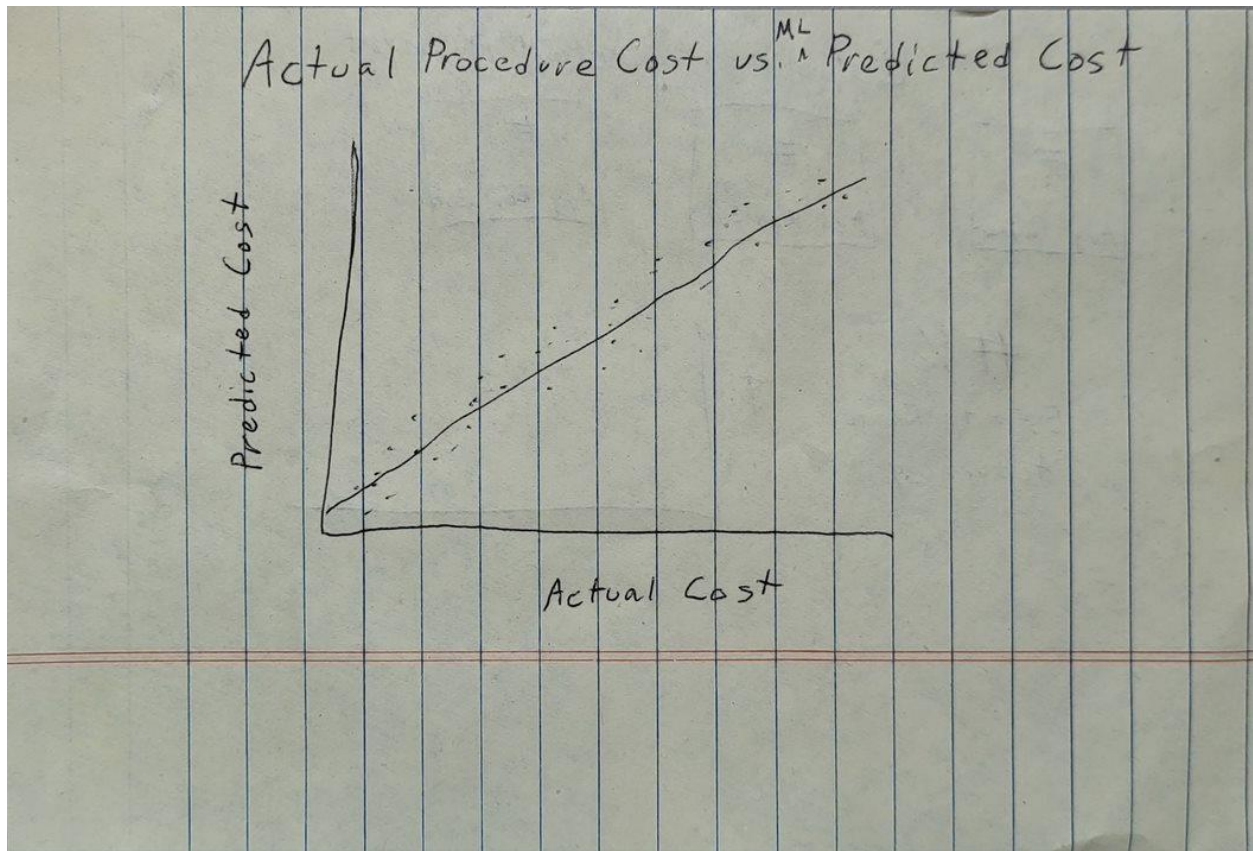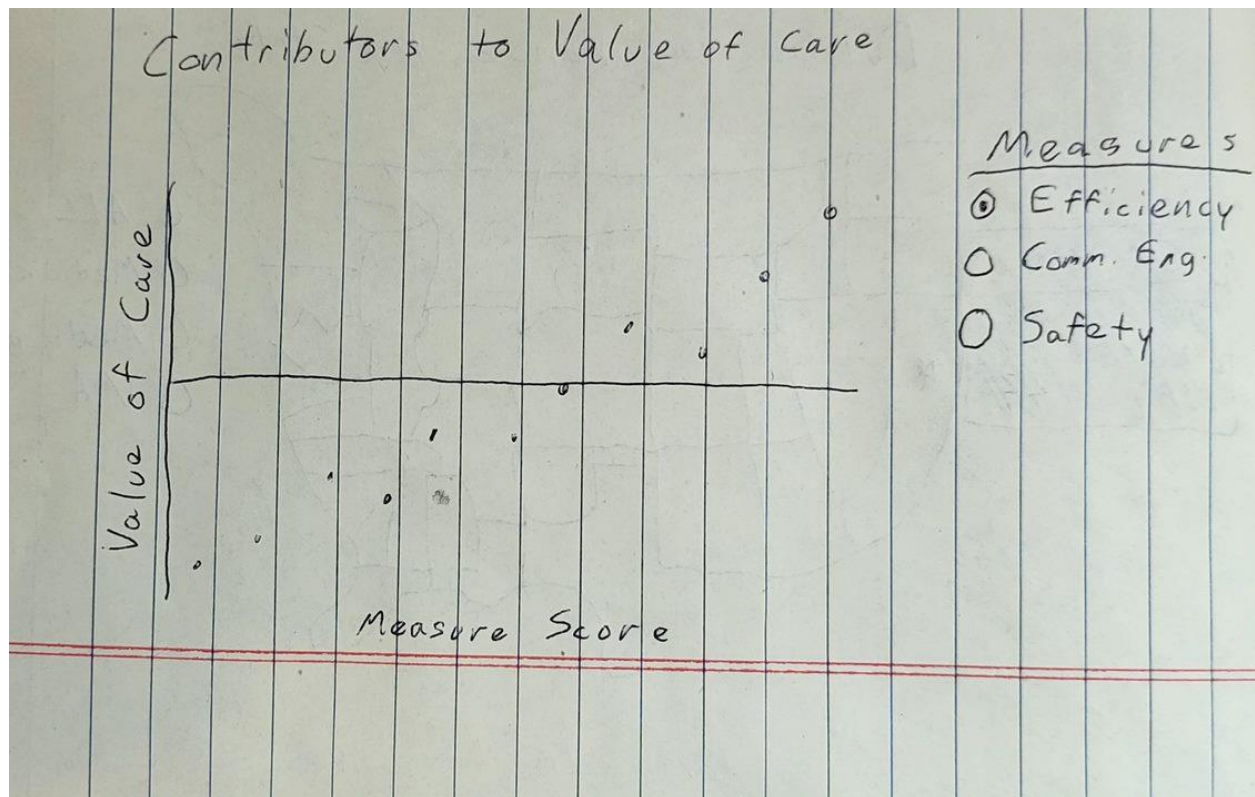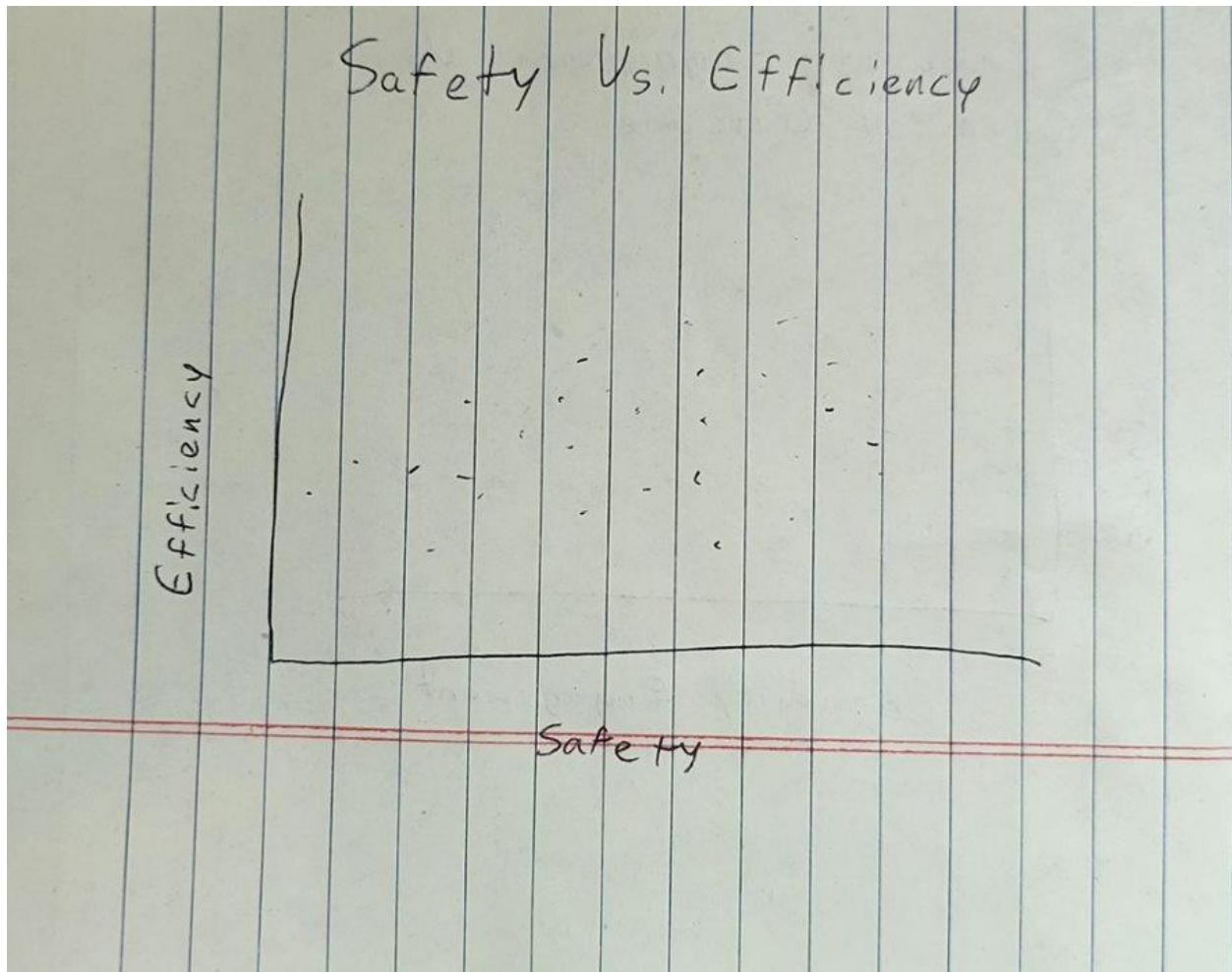**Napkin Drawings – Visualizations – 5/16/2022**

Jakob shared visualization napkin drawings folder with Diamond Dogs (Jeannine and Jared)

Feedback: Discussion on proper axis usage, research determined that actual cost is best on x-axis, no changes needed

Contributors to Value of Care

Value of Care (vertical axis)

Measure Score (horizontal axis)

Measures

- ⊙ Efficiency
- ○ Comm. Eng.
- ○ Safety

Feedback: Liked usage of slicer here, question about axis (add axis ticks later)

Safety Vs. Efficiency

Feedback: Liked scatterplot choice, no changes needed

Estimates, Actual Costs, and ML predictions of Medical Procedures

Legend:
- v: Low Est
- ∧: High Est
- •: Actual Cost
- x: ML Predict.
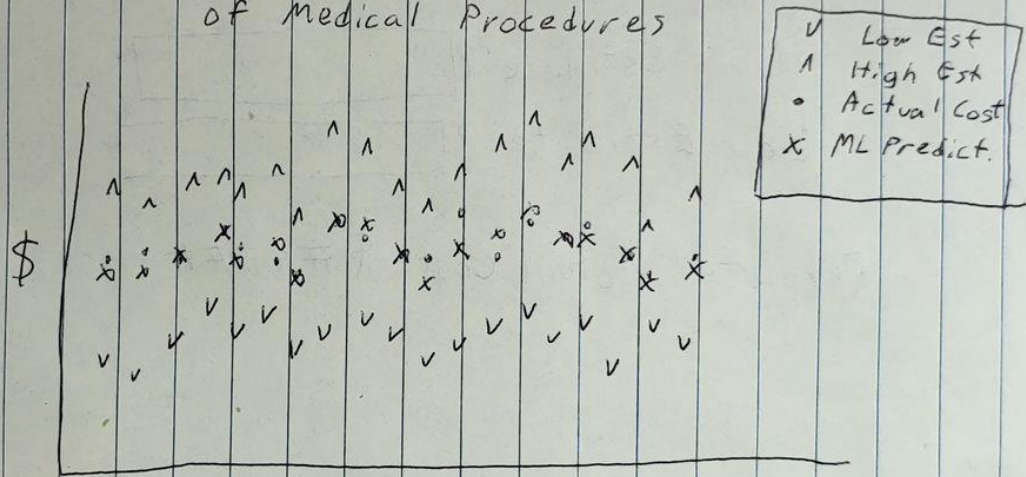
Feedback: differentiating by color in final visualization
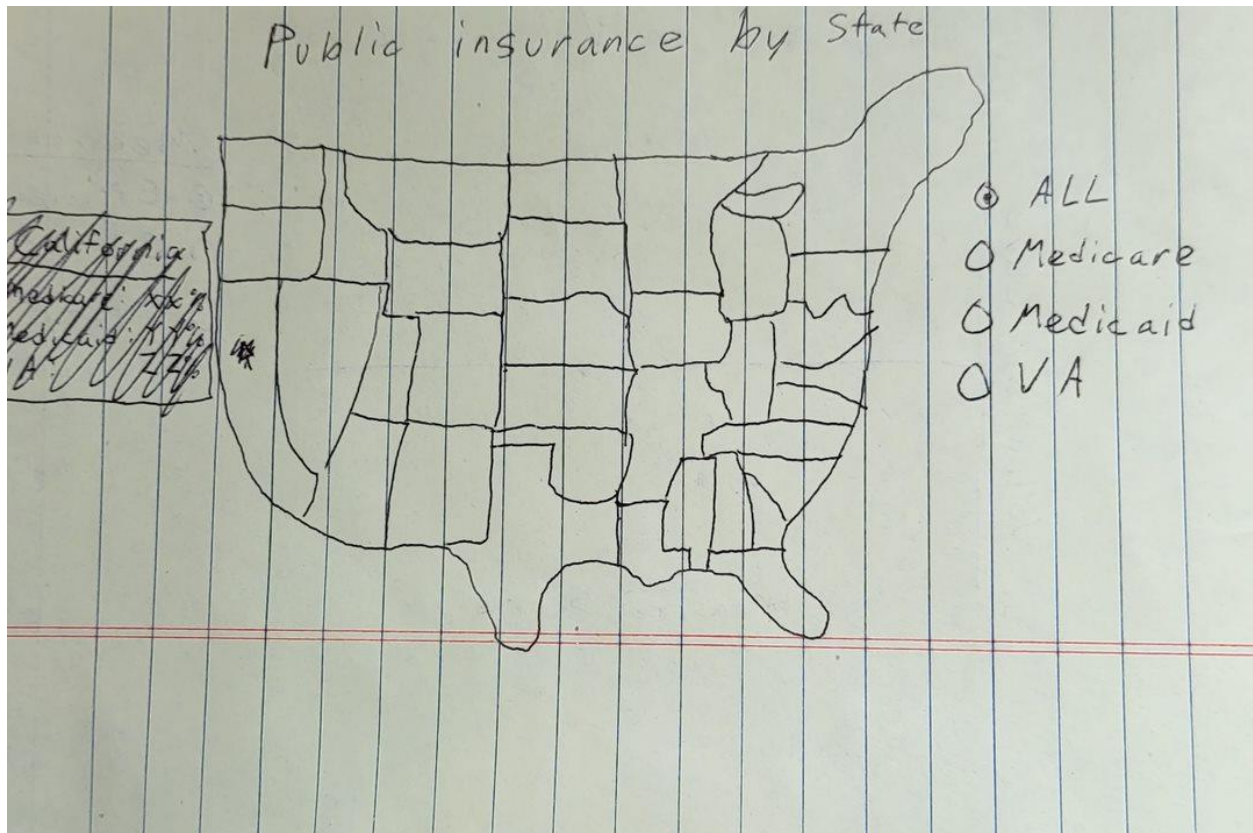
Procedure Cost Predictor

High Estimate: $ [   ]
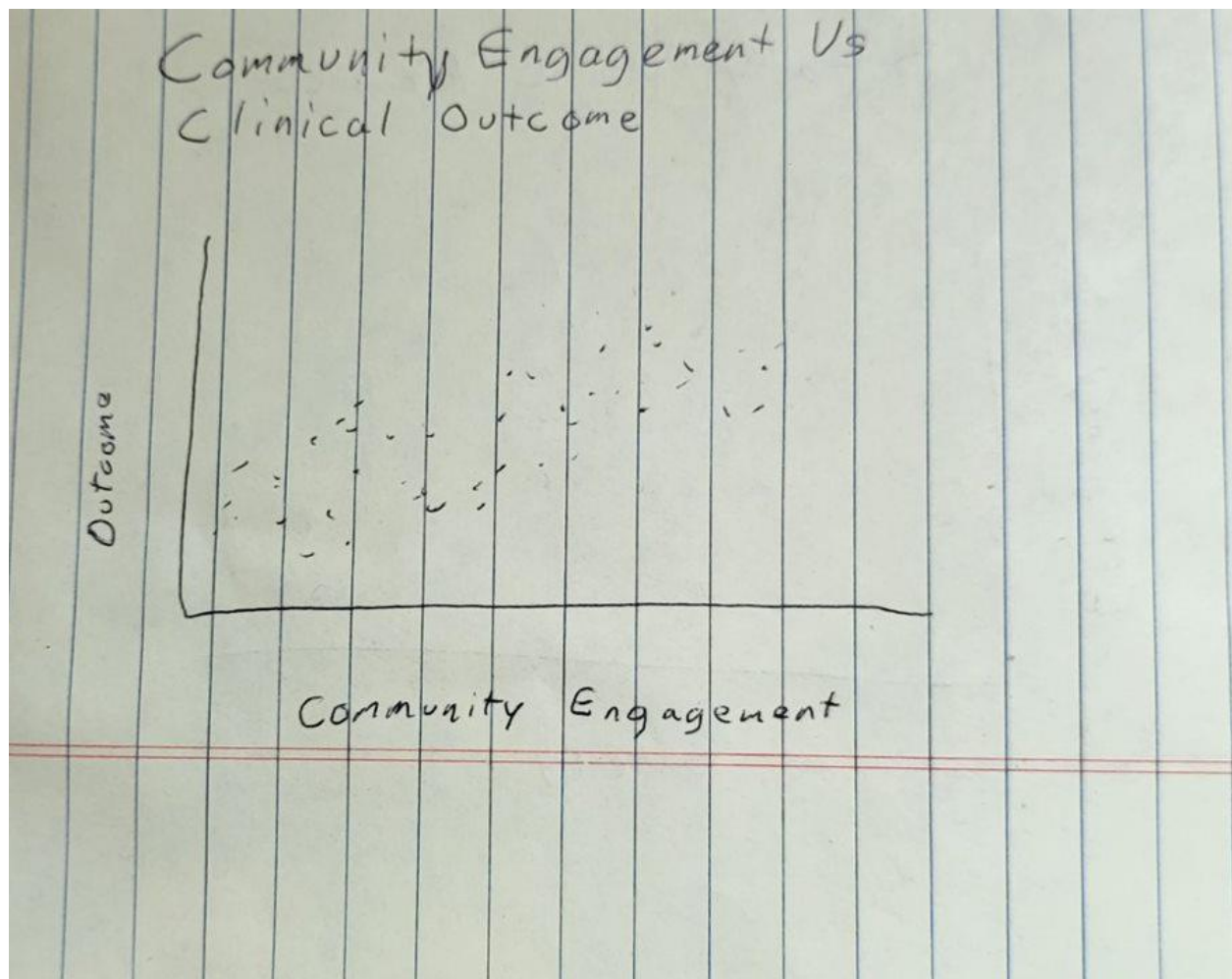
Low Estimate: $ [   ]

Predicted Actual Cost: $ #####

Feedback: liked ability for user input, discussed if usage would be best on customer-end and/or provider-end, recommendation was for provider-end but sparked interesting considerations

Public insurance by State

California
Medicare: XX%
Medicaid: XX%
VA: ZZ%

○ ALL
○ Medicare
○ Medicaid
○ VA

Feedback: clarify what values will be represented (population counts, percentages, etc.)
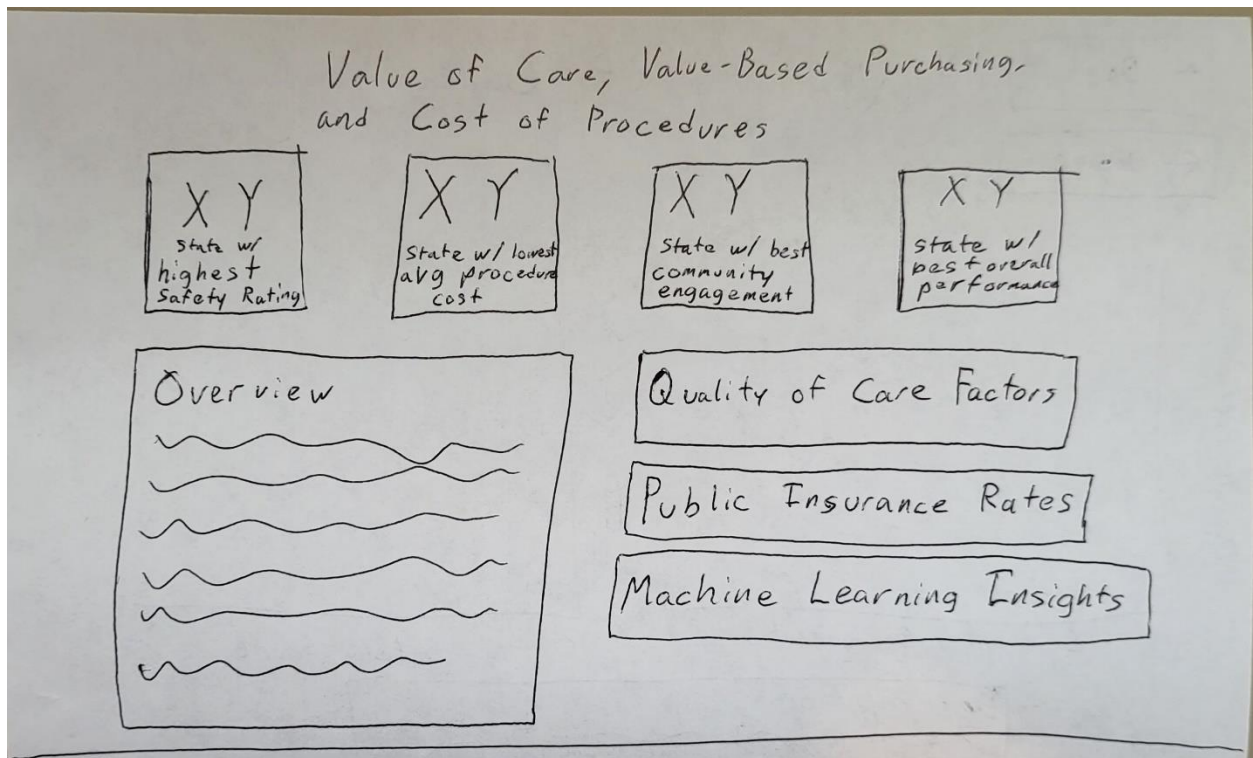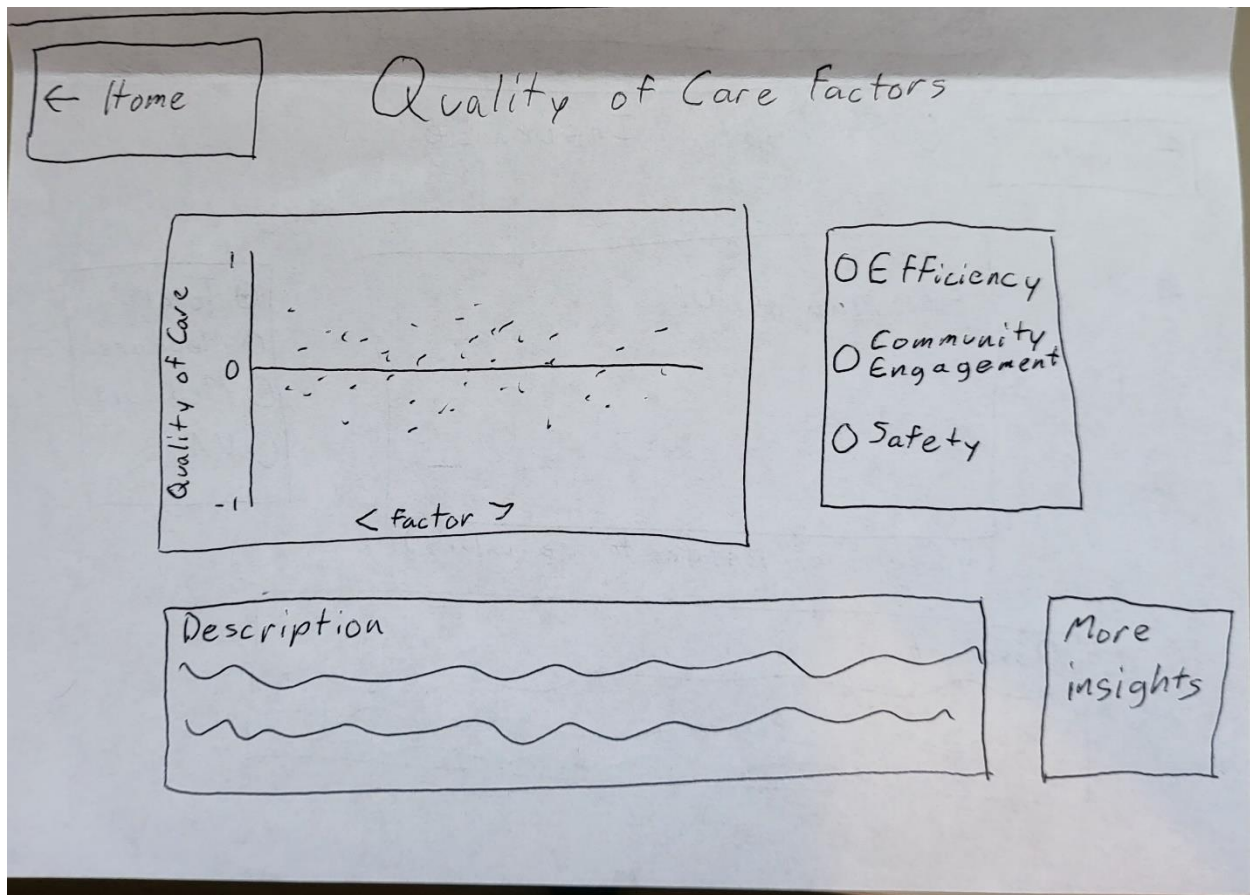
Feedback: clarify what is meant by "outcome"

Overall Feedback: complete napkin drawings with legal pad paper lines going horizontally for readability

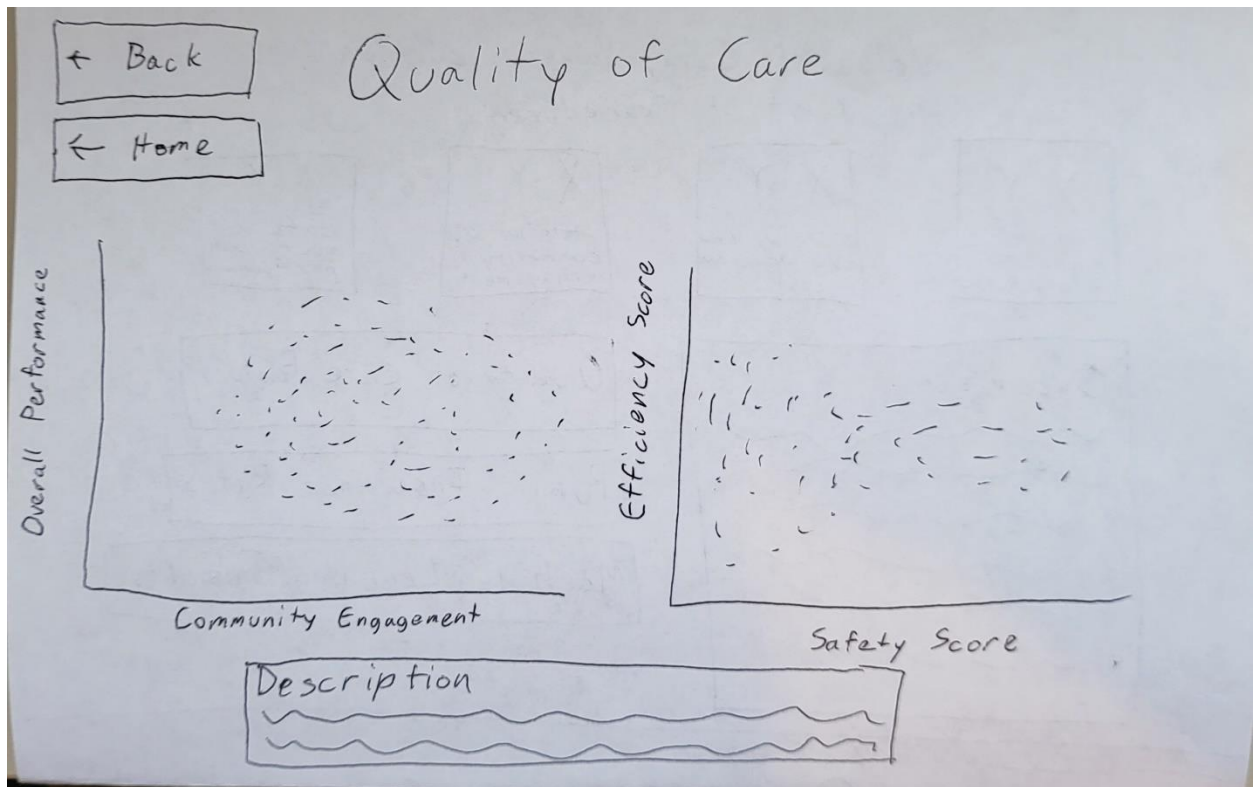## Napkin drawings – dashboard – 5/19/2022
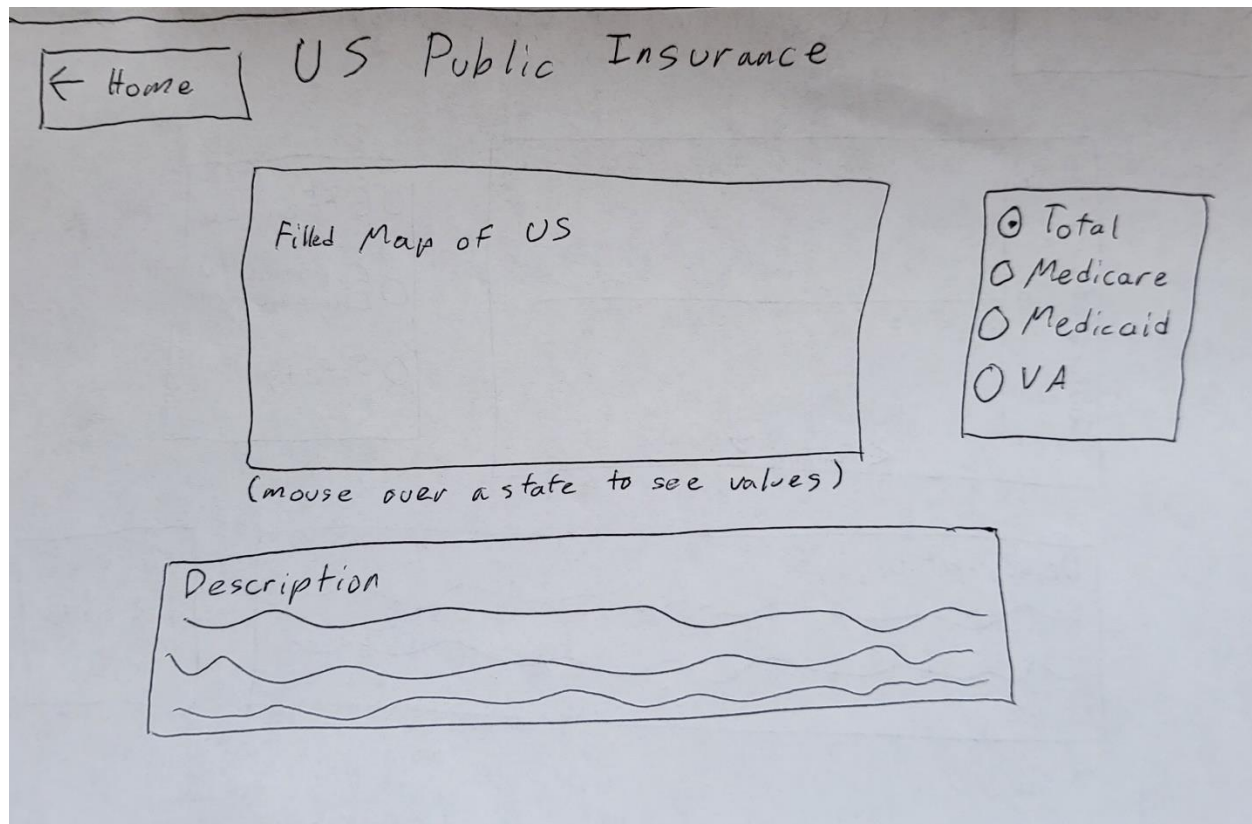
Shared drawings with same group as above.

Feedback: good organization, simple formatting. Be wary of being over-ambitious with links and interactivity.
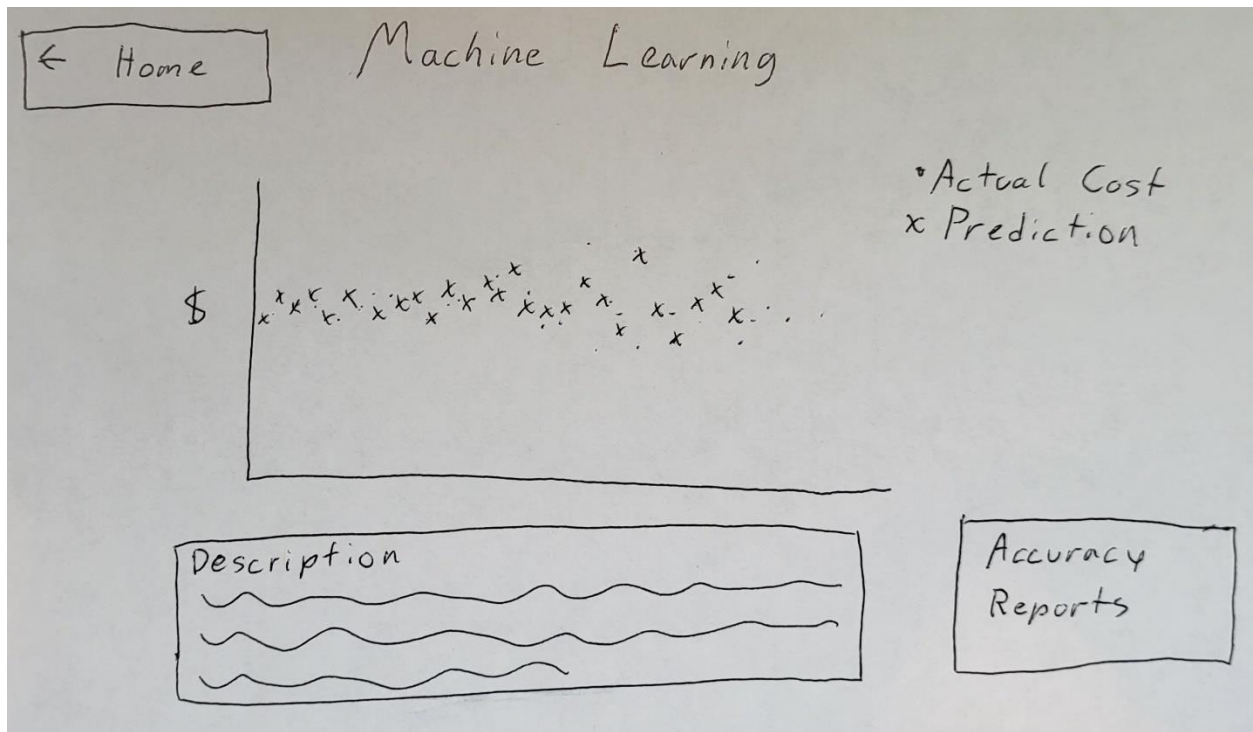
Quality of Care Factors

Quality of Care

1

0

-1

< factor >

○ Efficiency

○ Community Engagement

○ Safety

Description

More insights

Feedback: As above; clean layout, clear navigation. No issues.

Quality of Care

Overall Performance

Community Engagement

Efficiency Score

Safety Score

Description

Feedback: Good extra information. No change needed.

US Public Insurance

← Home

Filled Map of US

⊙ Total
○ Medicare
○ Medicaid
○ VA

(mouse over a state to see values)
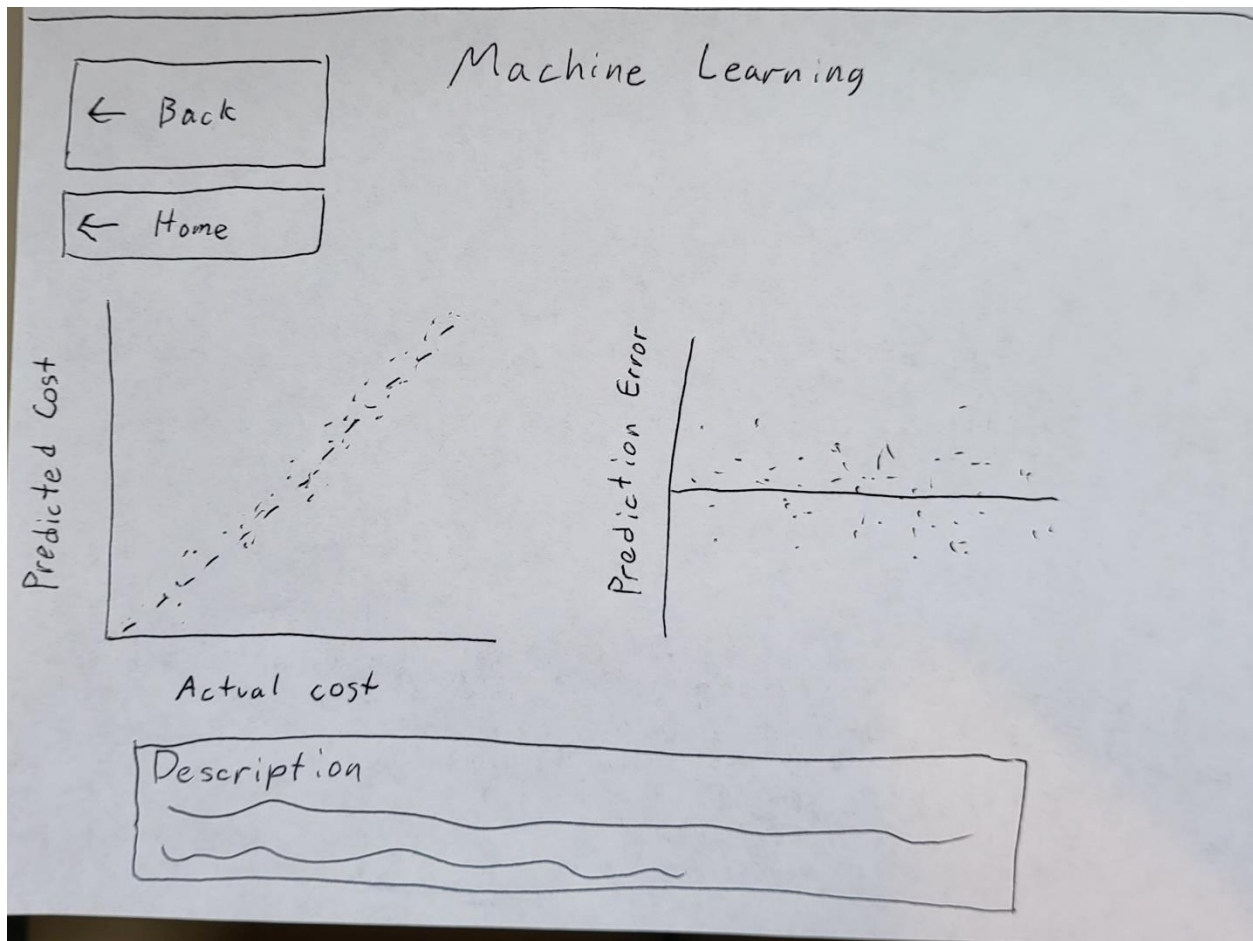
Description
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Feedback: Good use of slicer; no changes needed.

Feedback: Make sure to make the actual cost and prediction points distinguished from each other. Otherwise, nothing to change.

Feedback: No comment; nothing to change.

Overall: looks very good, very user-friendly. Presents a large amount of information in a measured way to prevent the user from being overwhelmed.