Presentation 1

- Links to presentation(s) and code(s) on GitHub

(just a Google Slides link)
https://docs.google.com/presentation/d/1ViwovAihyQkvApLoMI_lVvebAqhIYT8DEKqZZTu_uP0/edit?usp=sharing

- What did you do?

Created preliminary Power BI visualizations. Preliminary data cleaning. Contributed to ideating potential metrics to visualize. Connected those ideas to what is actionable within our current Power BI capabilities.

- How does it help the project?

These first steps were to help us get the hang of Power BI as a tool and to understand the data better with hands-on work. We hope to gain enough expertise to eventually create a powerful and informative dashboard in Power BI. Preliminary data cleaning also sets us up for further data cleaning.

- Issues faced (if any)

Errors when importing data (data type issues, invalid values). Issues with ordering the bars of the bar charts. Cisco documentation is unclear so we could not figure out very meaningful conclusions.

- Attempts to resolve issues (if any)

Converted a column ("CalledNumber") to strings. Used some relational data concepts in Power BI to customize the bar chart's sorting.

- Issues resolved (if any)

Figured out the errors for August 2025 (All Calls data). Managed to sort the columns.

- Next steps

More data cleaning is needed (especially for the full All Calls dataset) with Python. Figure out Power BI for rest of the team. Need to figure out the meanings of the columns.

- References (Mention if you built up on someone else's work)

n/a