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Project Checkpoint 1

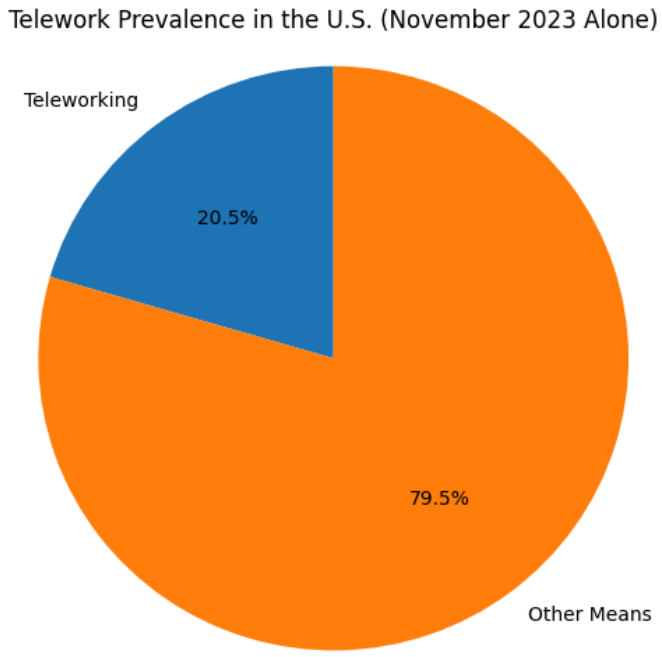
Main Topic: How Has Remote Work Transformed Since COVID-19 Pandemic.

Objectives hit so far:
Find datasets
Start the jupiter file
Start to analyze the data

Data sets used
I built a jupyter file that uses the U.S. Bureau of Labor Statistics and GitHub - RemoteWorkAnalysis datasets to help understand the finds of the base 2 objectives so far.

Jupyter notebook file:
This file mainly just holds the visual data output biased on the objectives and main topic. Below are the visual finds I've collected so far:

My first Idea for data visualization is to show what percentage of people are "working from home" or "teleworking" in 2023, (most recent dataset I found).



THhs data comes from the U.S. Bureau of Labor Statistics dataset. The people that participated in this dataset ranged from construction workers, to tech workers. It covers really all industries. Which explains why telework is way less prevalent.

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This is the jupyter file but right now I'm struggling to make the reading of the file more universal. For right now it's very beta and probably won't work for use, but instead of focusing on fixing this bug I decided to see what I can pull from the data. I plan to fix this before checkpoint 2.

My future plans

I plan to find these objective below:

- What's the average age for people working from home?
- What's the average Education Level of teleworkers?
- What Industry is the most remote?

And discuss the possible benefits and disadvantages of working from home. I also plan to finish utilizing, cleaning, and implementing these datasets below to help formulate a more accurate result.

- U.S. Bureau of Labor Statistics: Give various datasets on labor stats, including telework. The data is separated month by month.
- GitHub - RemoteWorkAnalysis: This is a repository containing data collected from remote employees. The employees are from various industries in Australia during the covid pandemic.
- WFH Research: Data used by Stanford University focusing on telework before and after the start of covid.

As of right now I don't have too much to show but I'm almost finished making visual results on the question “What's the average age for people working from home?” and plan to iron out a lot of the bugs in the base jupyter file.

Project Timeline:

Week 9: Build visual ways to display the evidence and properly analyze it. (For example charts, survey outcomes, timelines, correlations, etc.)

Week 10: Write the final version of my study hopefully having an outcome with strong evidence pointing to it.