






Feb 3, 2025 7:45 PM

CSC 442 Part 1 Prep

Attendees Caroline Causey Alex Creech Sophia Scherer Shreya Holikatti

Attachments [Homework 5A](#); [Course Project Part 1](#)

Agenda

Topic	Time	File	Team member
Overview of Project Part 1	3 min		Caroline Cau...
High-Quality Databases	5 min	 Hig...	All
Finance Datasets + Insider Trading Research	10 min	 File	Sophia Sche...
Documentation	3 min	 Co...	Shreya Holik...
Python Research	5 min	 Res...	Alex Creech
Conclusion + Next Steps	4 min	 File	Caroline Cau...

Summary or key decisions

- Decide on one main dataset and one backup data set to present by 2/17

Action items

- ☒ ~~Ask in class what is specifically required for our datasets~~
- ☒ ~~Share Github repository with TA and Prof AM~~ Caroline Causey

- ☒ ~~Schedule meeting before 2/17 with TA and Prof AM~~
~~Caroline Causey~~
 - ☒ ~~Next Thursday after class~~
- ☒ ~~Email professor to see if he recommends any~~
~~databases/datasets~~ ~~Sophia Scherer~~
 - ☒ ~~Forward response to team members~~
- ☒ ~~Each of us go through the databases~~ ~~All Team~~
 - ☐ ~~Report findings next Monday's meeting~~
- ☒ ~~Review Python Research if you want~~ ~~All Team~~

Details

Raw notes

- Caroline presented on the course instructions for Homework 5a and Course Project Part 1
- Need to clarify what “interesting collection of data” means
 - May just be open-ended
 - Find a relationship between two values
 - Make sure we can wrangle, merge, and clean the data
- Cannot use the FRED data because it breaks each one down individually
- Datasets need 10-30 columns
- Finance datasets are all time series based
 - Sometimes it can be hard if they are organized by month or quarter, and our two datasets differ
 - However, we should lean away from time series datasets per our Day 5 lecture
 - Something we can ask Professor
- Our datasets need to be cleaned (i.e. missing values or inconsistent data types)
- Two datasets need to be merged (i.e. same columns or one column in common)
 - This is how we define our question
 - How is X related to Y
- Could look into Congressional or Insider Trading
 - Should ask in class first though

Ideas for later

- Use this area to add an idea, topic, or question for future consideration