

Repository and Mining of Temporal Data

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Progress of Current Milestone

Task	Completion %	Jessica	Siomara	To-Do
Task	Completion %	Jessica	Siomara	To-Do
Prioritize Q3	90%	60%	30%	Fix plotting on Django
Narrow Data	75%	50%	25%	Finish analysis with different granularity
Showcase Documents	100%	50%	50%	N/A
Target Variable Search	30%	20%	10%	Django view, display of results
Upload more files	20%	20%		Find more files
Q2	85%	20%	65%	Fix Fig. 3 (Cross correlation)
Improve Current Code	80%	40%	40%	Finish analysis with different granularity, ensure compatibility with Django and Python
Poster	100%	50%	50%	N/A
Evaluation Document, Presentation	100%	50%	50%	N/A

Discussion of Each Accomplished Task

- Q3
- NarrowData
- Showcase Documents
- Target Variable Search
- Upload more files
- Q2
- Improve Current Code
- Poster
- Evaluation Document, Presentation

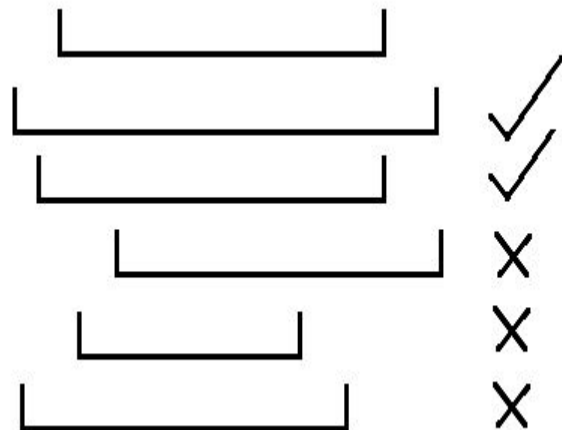
Q3

- Linear regression to predict the future timestamp.
 - Currently only predicting 1 timestamp

- 90% completion, needs to be fixed on Django.

Narrow Data

- Finish analysis with different granularity.
- Narrow down using tags.
- Ask user to enter whether its daily, monthly, or yearly data.



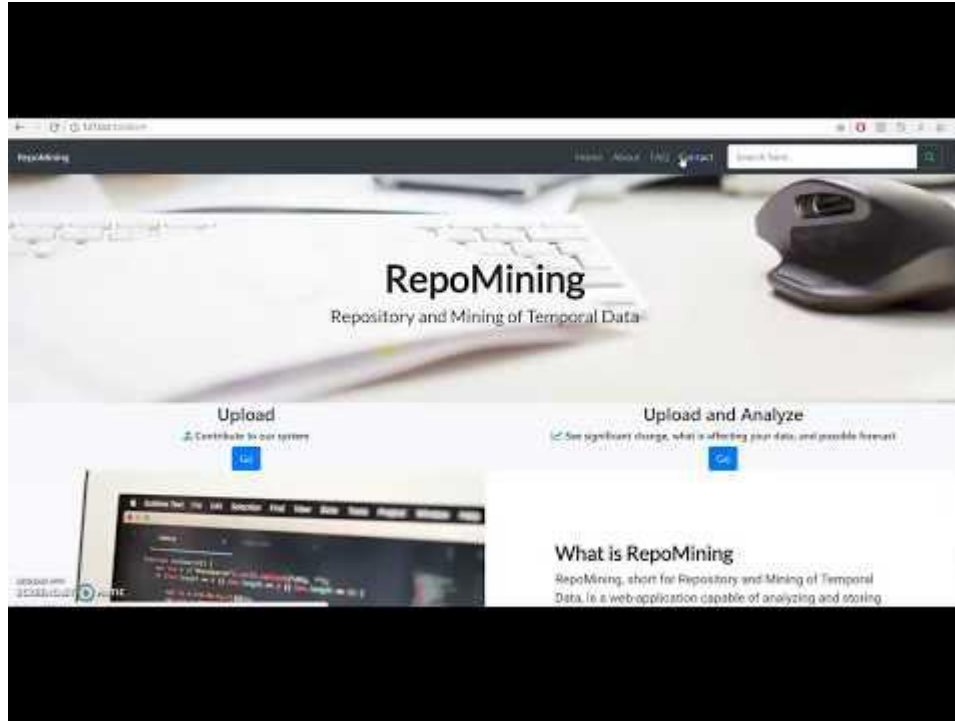
Target Variable Search

- Search bar for users to see currently saved target variables.
- Allow to download their csv files.
- See Q1, Q2, Q3 without having to upload anything.

Q2

- Fix last graph on Django (Figure 3. Cross Correlation).

Django Website



Plan for Next Milestone

Task	Jessica	Siomara
Website	Create more pages, front-end design	Create more pages, front-end design
Target Variable Search	Variable search on dummy database	Search bar, search view, user download of files
Save Results in account (provider/user)	Add database table for saving user credentials	Create Django app, add database table for saving user credentials
Optimization	Improve current code	Improve current code
Test/Demo System	Test cases and analysis	Test cases and analysis
User Manual/Demo Video	Write User Manual, record Demo Video and submit to Harris Student Design Center	Write User Manual, record Demo Video and submit to Harris Student Design Center
Evaluation Document, Presentation	Write evaluation document, Create presentation, put code on GitHub repository.	Write evaluation document, Create presentation, put code on GitHub repository.