

1 BoAPyAnalysis

This document is a detailed requirements, and design document for the Python Bank of America Analysis Tool (BoAPyAnalysis).

1.1 Requirements

- Ability to search for expenses by query of regular expression.
- Pandas for learning experience and for querying data.
- date filters.
- cost threshold filters (low and high).
- Tab for periodic analysis (finding scheduled expenses etc).
- Potentially add anomaly detection (machine learning?)
- some plotting functionality as a function of time (TODO: be more clear)

1.2 Future Improvements

1.3 Products in use

- Pyqt
- pandas
- numpy
- sci-pi