

Data enlightenment

SIX Financial Information

A way to analyse gathered information about
customer data usage

Goals

SIX goals:

- Gather information about customer data usage
- Improve enrichment of data feed
- Increase quality of delivered data

SIX customer goals

- More individual and specific data feed
- Overview about SIX product usage
- Improve workflow efficiency

How to achieve goals

- Gathering information about customer data usage → Customer should be responsible
- Providing API for data delivery
- Meaningful representation of gathered data → Directed weighted graph
- Possibility to forecast future actions based on learned user behaviour → Markov chain

Strengths and Weaknesses

- ⊕ Granular data analysis
- ⊕ Strictly based on individual customer usage
- ⊕ Pragmatic approach
- ⊕ Extensibility for future data mining analysis

- ⊖ New API for customers
- ⊖ No bulk delivery of reference data

Solution