

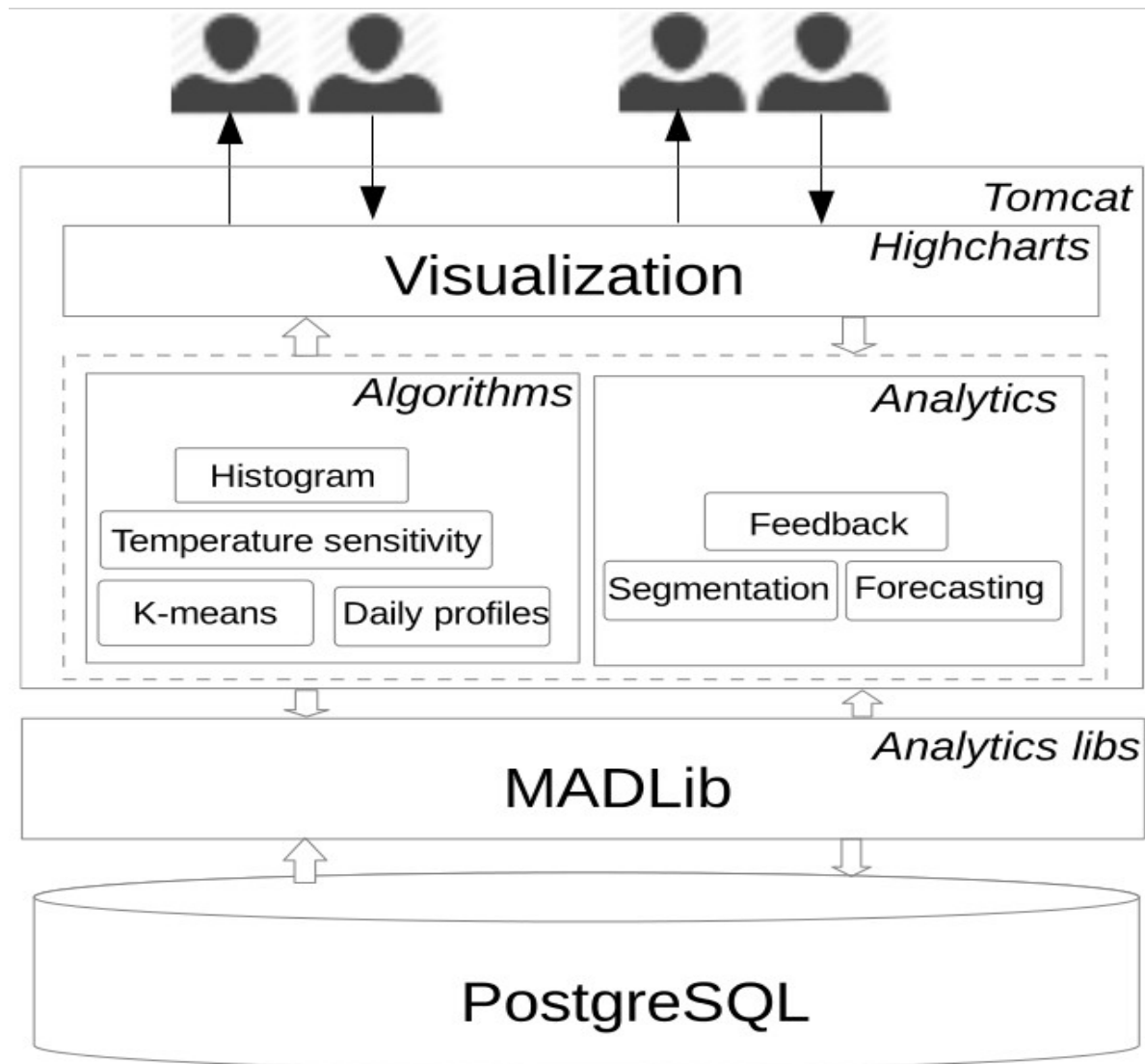
Smart Meter Data Analytics System (SMAS)

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System Architecture



Roles of the use

1. Utilities
2. Energy consultants
3. Energy consumers

Functionalities


- Energy consumption time series analytics
 - Time and location dimensions
 - Different granularities
- Segmentation analytics
 - Cluster customers with a similar consumption pattern
 - Show on Google map

Functionalities


- Energy demand forecasting
- Pattern discovery
 - Load profiling
 - Load distribution
 - Load disaggregation
- Consumption comparison
- Customer feedback


Demo

Open source - <https://github.com/xiufengliu>




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Year of contributions
74 total
Oct 27, 2013 – Oct 27, 2014

Longest streak
3 days
October 14 – October 16

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