

QUANTIA ANALYTICS

# Microsoft Azure Machine Learning with R

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## Why MAML and R?

- Quickly deploy solutions as web services
- Run models in a highly scalable cloud environment
- Code and data in a secure environment
- Variety of efficient built-in algorithms
- **Azure ML workflow extensible with R!!**

## Resources

- Free MAML account <http://azure.microsoft.com/en-us/services/machine-learning/>
- Quick start tutorial for the R programming language for Azure Machine Learning <https://azure.microsoft.com/en-us/documentation/articles/machine-learning-r-quickstart/>
- O'Reilly Media Video “Data Science with Azure Machine Learning and R”
- Data Science in the Cloud with Microsoft Azure Machine Learning and R <http://www.oreilly.com/data/free/data-science-in-the-cloud.csp>
- <https://github.com/Quantia-Analytics/Azure-ML-Bike-Demand-Forecast>

# Summary

- Integrate R and native modules in MAML
  - Clean and transform data with R
  - Use R or native Azure ML models
  - Visualization
- Publish R models on Azure as web services