



April 6, 2015



Get Technical Support



Community

Applications

Products

AdviseR

Resources

Company

Microsoft Completes Acquisition of Revolution Analytics

MICROSOFT BLOG

REVOLUTIONS BLOG



"This acquisition will help customers use advanced analytics within Microsoft data platforms."

Microsoft  Linux





Working with the R Foundation
 Supporting the R user community
 Continuing the growth of the R Project
 Linux Foundation collaborative project
 Non-profit trade organization



NEWS

R Consortium aims to strengthen data analysis



Credit: Thinkstock

Representatives from the R Foundation and industry representatives including Microsoft, Google and Oracle have formed the R Consortium to strengthen the technical and user communities around the R programming language for statistical data analysis.



By Thor Olavsrud | Follow

CIO | Jun 30, 2015 10:33 AM PT

Revolution R Open

- Enhanced Open Source R distribution
- Compatible with all R-related software
- Multi-threaded for performance
- Focus on reproducibility
- Open source (GPLv2 license)
- Available for Windows, Mac OS X, Ubuntu, Red Hat and OpenSUSE
- Download from mran.revolutionanalytics.com



Revolution R Enterprise

RRE is....

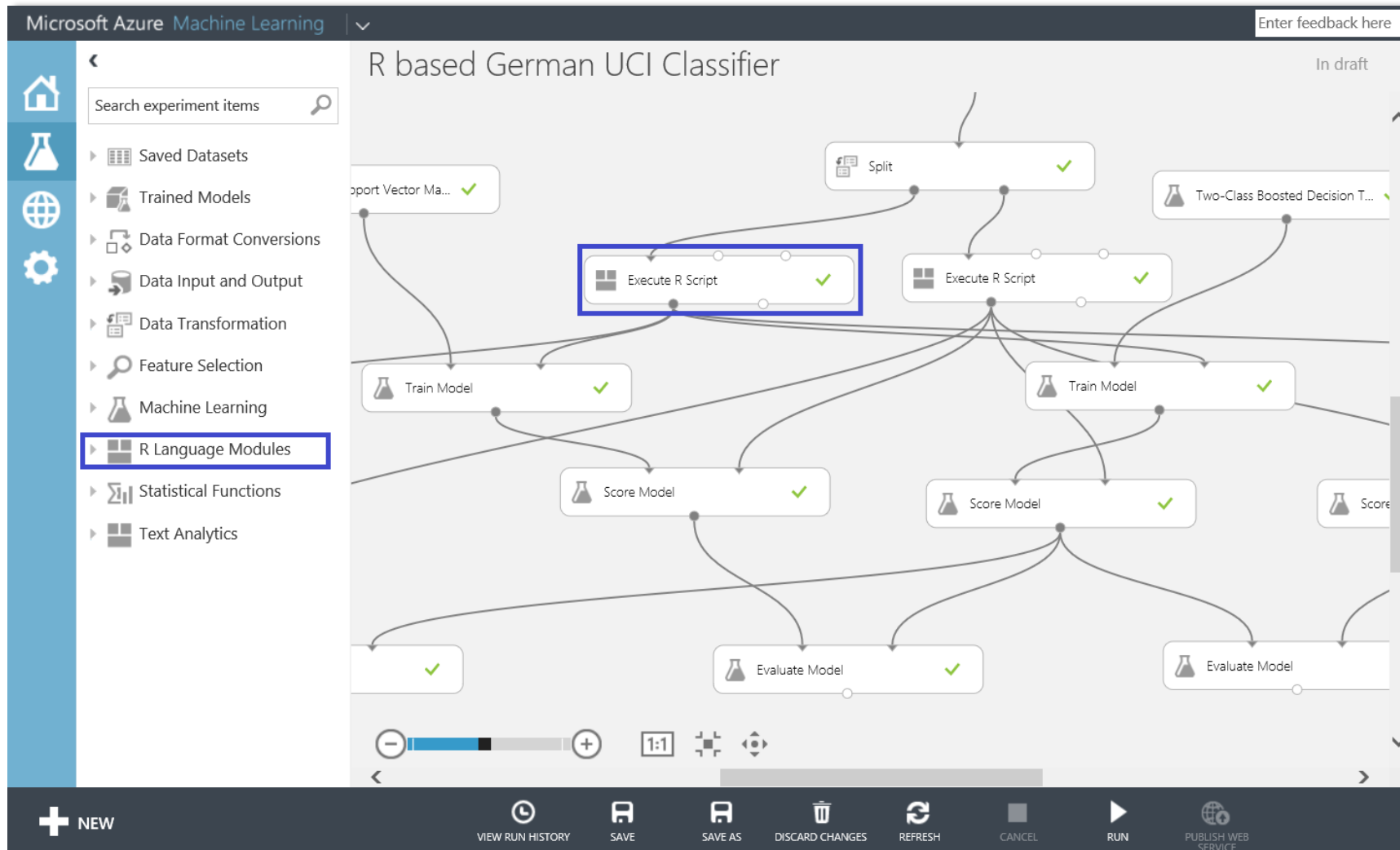
the only big data big analytics platform
based on open source R

the defacto statistical computing language for
modern analytics



- High Performance, Scalable Analytics
- Portable Across Enterprise Platforms
- Easier to Build & Deploy Analytics

Microsoft Azure Machine Learning — Custom Modules in R



Get started for free at gallery.azureml.net

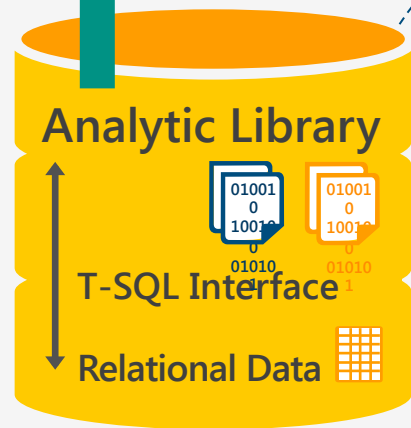
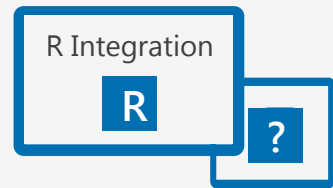
SQL Server 2016

Built-in in-database analytics

Example Solutions

- Fraud detection
- Sales forecasting
- Warehouse efficiency
- Predictive maintenance

Extensibility



Built-in to SQL Server



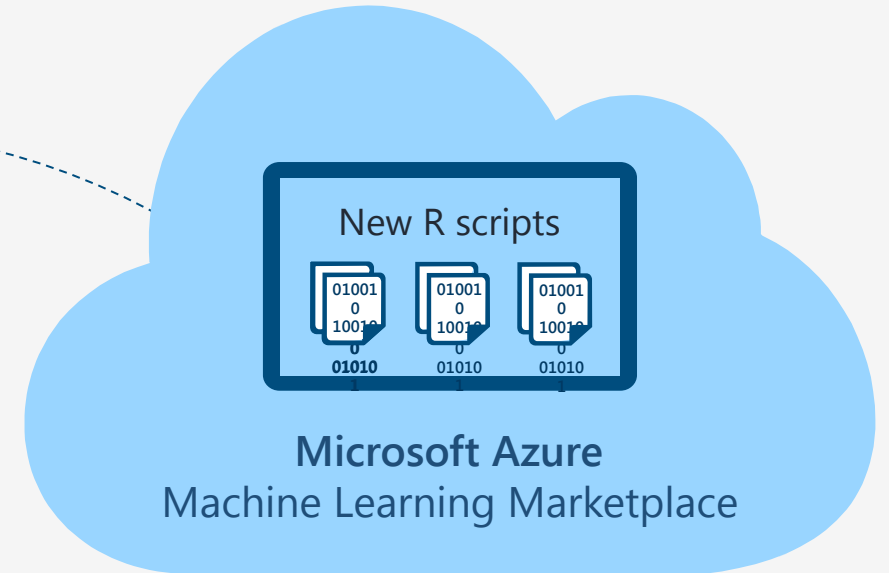
Data Scientist

Interact directly with data

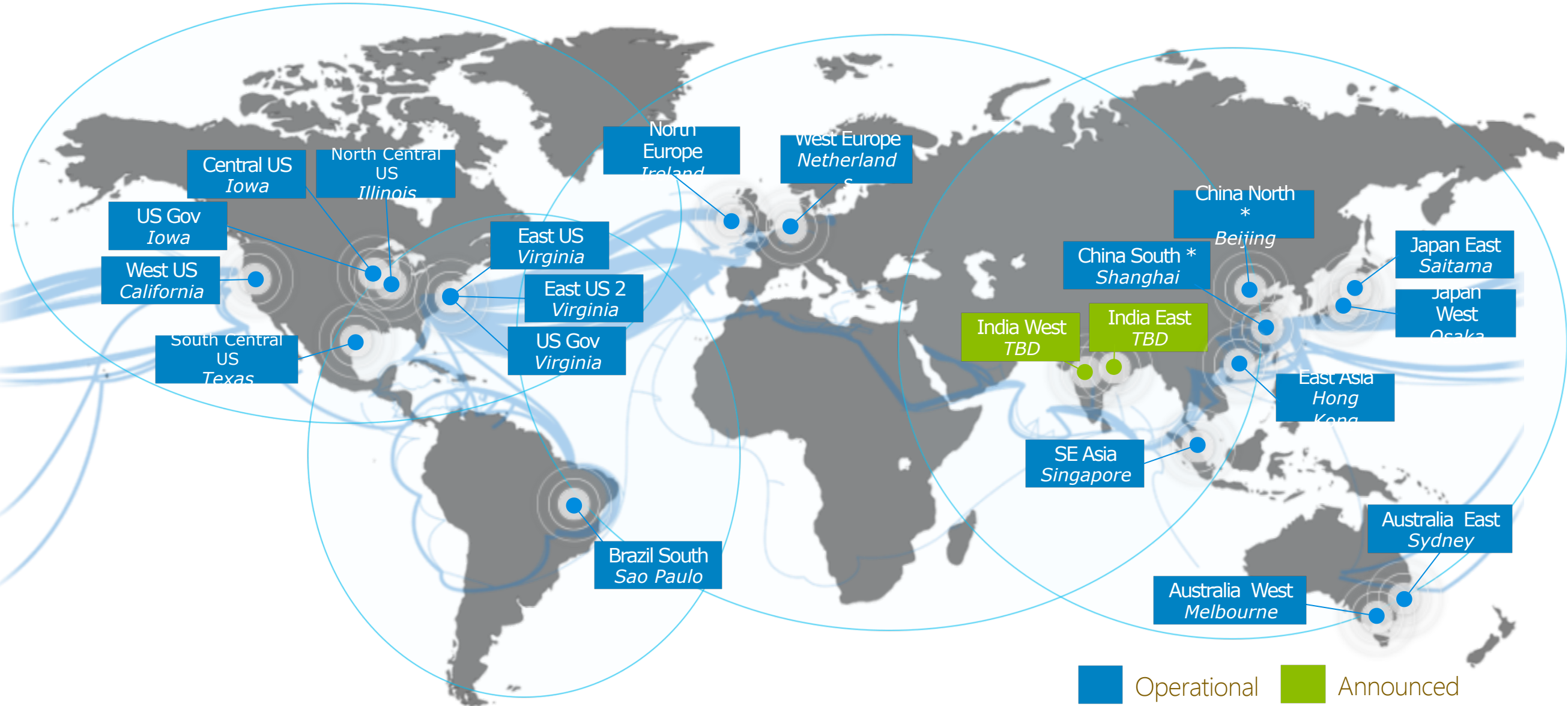


Data Developer/DBA

Manage data and analytics together



The Azure Cloud



Operational Announced

* Operated by 21Vianet

Individual Disease Risks

Finished running ✓

Properties

Execute R Script

```

R Script
1 # using data.frames
2 snps <- mam1.mapInp
3 colnames(snps) <-
4 gwas <- mam1.mapInp
5
6 # merge snps & gwas,

```

Random Seed

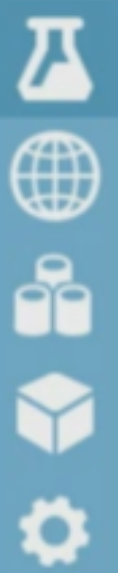
START TIME	4/30/20...
END TIME	4/30/20...
ELAPSED TIME	0:00:00.0...

Quick Help

Execute the given R script using R 3.1.0
[\(more help...\)](#)

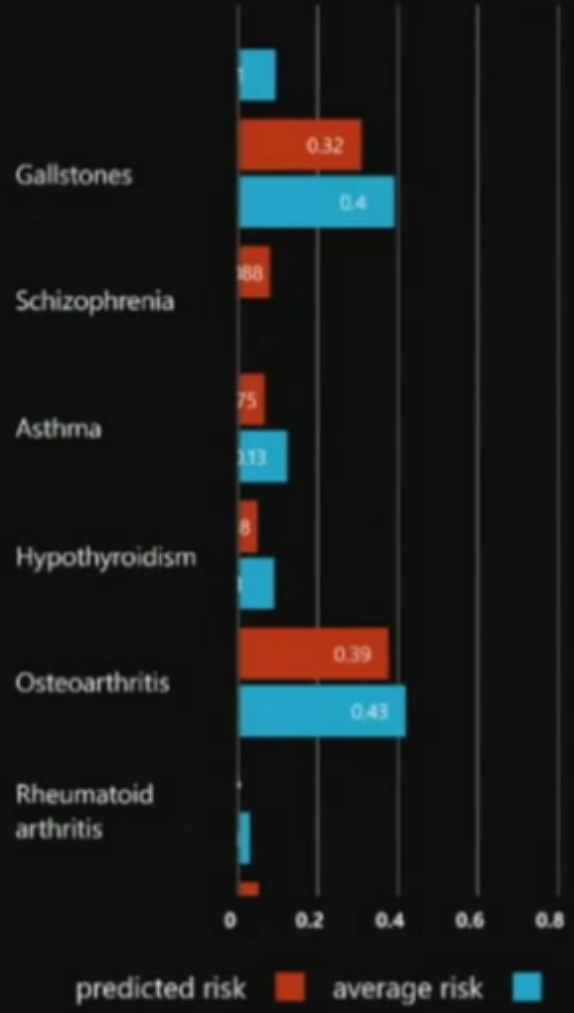


Datasets, Modules, Trained Models, and Transforms



Zoom in (+) Zoom out (-) 1:1 Fit to screen (⌘) Full screen (⌘) Dark mode (☑)

GENOMICS
individual disease risks



Transformational Trends

cloud
computing
2011 → 2016 5x increase



data
science
Universities filling
300,000 US talent gap

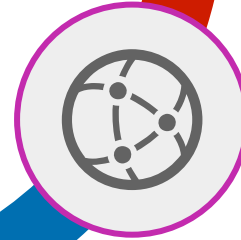


big
data

90% of the data in the world
today has been created in
the last two years alone



open
source
including R, Linux, Hadoop





We're Hiring!

<http://azuremljobs.github.io/>