R Packages in the Power BI service

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You can use the powerful [R programming language](https://www.r-project.org/) to create visuals in the Power BI service. Many R packages are supported in the Power BI service (and more are being supported all the time), and some packages are not.

The following sections provide an alphabetical table of which R packages are supported in Power BI, and which are not. For more information about R in Power BI, see the [R visuals](https://docs.microsoft.com/en-us/power-bi/service-r-visuals) article.

Request support for a new R package

Supported R packages for the **Power BI service** are found in the following section, titled **Supported Packages**. If you would like to request support of an R package not found in that list, you can send an email with your request to the [R in Power BI Feedback Team](mailto:rinpbifb@microsoft.com).

Requirements and Limitations of R packages

There are a handful of requirements and limitations for R packages:

* The Power BI service, for the most part, supports R packages with free and open-source software licenses such as GPL-2, GPL-3, MIT+, and so on.
* The Power BI service supports packages published in CRAN. The service does not support private or custom R packages. Users are encouraged to make their private packages available on CRAN prior to requesting the package be available in the Power BI service.
* The **Power BI Desktop** has two variations for R packages:
  + For R visuals, you can install any package, including custom R packages
  + For Custom R visuals, only public CRAN packages are supported for auto-installation of the packages
* For security and privacy reasons, R packages that provide client-server queries over the World-Wide Web (such as RgoogleMaps) in the service, are not supported. Networking is blocked for such attempts. See the following section for a list of supported and unsupported R packages.
* The approval process for including a new R package has a tree of dependencies; some dependencies required to be installed in the service cannot be supported.

R packages that are supported in Power BI

The following table shows which packages **are supported** in the Power BI service.

| **Package** | **Version** | **Link** |
| --- | --- | --- |
| abc | 2.1 | <https://cran.r-project.org/web/packages/abc/index.html> |
| abc.data | 1 | <https://cran.r-project.org/web/packages/abc.data/index.html> |
| acepack | 1.3-3.3 | <https://cran.r-project.org/web/packages/acepack/index.html> |
| actuar | 1.2-0 | <https://cran.r-project.org/web/packages/actuar/index.html> |
| ade4 | 1.7-4 | <https://cran.r-project.org/web/packages/ade4/index.html> |
| AdMit | 2.0.1 | <https://cran.r-project.org/web/packages/AdMit/index.html> |
| andrews | 1 | <https://cran.r-project.org/web/packages/andrews/index.html> |
| aod | 1.3 | <https://cran.r-project.org/web/packages/aod/index.html> |
| apcluster | 1.4.3 | <https://cran.r-project.org/web/packages/apcluster/index.html> |
| ape | 3.4 | <https://cran.r-project.org/web/packages/ape/index.html> |
| aplpack | 1.3.0 | <https://cran.r-project.org/web/packages/aplpack/index.html> |
| approximator | 1.2-6 | <https://cran.r-project.org/web/packages/approximator/index.html> |
| arm | 1.8-6 | <https://cran.r-project.org/web/packages/arm/index.html> |
| arules | 1.4-0 | <https://cran.r-project.org/web/packages/arules/index.html> |
| arulesViz | 1.1-0 | <https://cran.r-project.org/web/packages/arulesViz/index.html> |
| assertthat | 0.1 | <https://cran.r-project.org/web/packages/assertthat/index.html> |
| BACCO | 2.0-9 | <https://cran.r-project.org/web/packages/BACCO/index.html> |
| BaM | 0.99 | <https://cran.r-project.org/web/packages/BaM/index.html> |
| BAS | 1.1.0 | <https://cran.r-project.org/web/packages/BAS/index.html> |
| base64enc | 0.1-3 | <https://cran.r-project.org/web/packages/base64enc/index.html> |
| bayesm | 3.0-2 | <https://cran.r-project.org/web/packages/bayesm/index.html> |
| bayesQR | 2.2 | <https://cran.r-project.org/web/packages/bayesQR/index.html> |
| bayesSurv | 2.6 | <https://cran.r-project.org/web/packages/bayesSurv/index.html> |
| BayesTree | 0.3-1.3 | <https://cran.r-project.org/web/packages/BayesTree/index.html> |
| BayHaz | 0.1-3 | <https://cran.r-project.org/web/packages/BayHaz/index.html> |
| bbemkr | 2 | <https://cran.r-project.org/web/packages/bbemkr/index.html> |
| BCBCSF | 1.0-1 | <https://cran.r-project.org/web/packages/BCBCSF/index.html> |
| BCE | 2.1 | <https://cran.r-project.org/web/packages/BCE/index.html> |
| bclust | 1.5 | <https://cran.r-project.org/web/packages/bclust/index.html> |
| BenfordTests | 1.2.0 | <https://cran.r-project.org/web/packages/BenfordTests/index.html> |
| bisoreg | 1.4 | <https://cran.r-project.org/web/packages/bisoreg/index.html> |
| bit | 1.1-12 | <https://cran.r-project.org/web/packages/bit/index.html> |
| bit64 | 0.9-5 | <https://cran.r-project.org/web/packages/bit64/index.html> |
| bitops | 1.0-6 | <https://cran.r-project.org/web/packages/bitops/index.html> |
| BMA | 3.18.6 | <https://cran.r-project.org/web/packages/BMA/index.html> |
| Bmix | 0.6 | <https://cran.r-project.org/web/packages/Bmix/index.html> |
| bnlearn | 3.9 | <https://cran.r-project.org/web/packages/bnlearn/index.html> |
| boa | 1.1.8-1 | <https://cran.r-project.org/web/packages/boa/index.html> |
| boot | 1.3-18 | <https://cran.r-project.org/web/packages/boot/index.html> |
| bootstrap | 2015.2 | <https://cran.r-project.org/web/packages/bootstrap/index.html> |
| bqtl | 1.0-32 | <https://cran.r-project.org/web/packages/bqtl/index.html> |
| BradleyTerry2 | 1.0-6 | <https://cran.r-project.org/web/packages/BradleyTerry2/index.html> |
| brew | 1.0-6 | <https://cran.r-project.org/web/packages/brew/index.html> |
| brglm | 0.5-9 | <https://cran.r-project.org/web/packages/brglm/index.html> |
| bspec | 1.5 | <https://cran.r-project.org/web/packages/bspec/index.html> |
| bspmma | 0.1-1 | <https://cran.r-project.org/web/packages/bspmma/index.html> |
| BVS | 4.12.1 | <https://cran.r-project.org/web/packages/BVS/index.html> |
| C50 | 0.1.0-24 | <https://cran.r-project.org/web/packages/C50/index.html> |
| calibrator | 1.2-6 | <https://cran.r-project.org/web/packages/calibrator/index.html> |
| car | 2.1-2 | <https://cran.r-project.org/web/packages/car/index.html> |
| caret | 6.0-64 | <https://cran.r-project.org/web/packages/caret/index.html> |
| catnet | 1.14.8 | <https://cran.r-project.org/web/packages/catnet/index.html> |
| caTools | 1.17.1 | <https://cran.r-project.org/web/packages/caTools/index.html> |
| cclust | 0.6-20 | <https://cran.r-project.org/web/packages/cclust/index.html> |
| class | 7.3-14 | <https://cran.r-project.org/web/packages/class/index.html> |
| clue | 0.3-51 | <https://cran.r-project.org/web/packages/clue/index.html> |
| cluster | 2.0.3 | <https://cran.r-project.org/web/packages/cluster/index.html> |
| coda | 0.18-1 | <https://cran.r-project.org/web/packages/coda/index.html> |
| coin | 1.1-2 | <https://cran.r-project.org/web/packages/coin/index.html> |
| CORElearn | 1.47.1 | <https://cran.r-project.org/web/packages/CORElearn/index.html> |
| corpcor | 1.6.8 | <https://cran.r-project.org/web/packages/corpcor/index.html> |
| corrplot | 0.73 | <https://cran.r-project.org/web/packages/corrplot/index.html> |
| crayon | 1.3.1 | <https://cran.r-project.org/web/packages/crayon/index.html> |
| cslogistic | 0.1-3 | <https://cran.r-project.org/web/packages/cslogistic/index.html> |
| cubature | 1.1-2 | <https://cran.r-project.org/web/packages/cubature/index.html> |
| cvTools | 0.3.2 | <https://cran.r-project.org/web/packages/cvTools/index.html> |
| data.table | 1.9.6 | <https://cran.r-project.org/web/packages/data.table/index.html> |
| data.tree | 0.7.0 | <https://cran.r-project.org/web/packages/data.tree/index.html> |
| date | 1.2-34 | <https://cran.r-project.org/web/packages/date/index.html> |
| dbscan | 0.9-7 | <https://cran.r-project.org/web/packages/dbscan/index.html> |
| deal | 1.2-37 | <https://cran.r-project.org/web/packages/deal/index.html> |
| deepnet | 0.2 | <https://cran.r-project.org/web/packages/deepnet/index.html> |
| deldir | 0.1-12 | <https://cran.r-project.org/web/packages/deldir/index.html> |
| dendextend | 1.1.8 | <https://cran.r-project.org/web/packages/dendextend/index.html> |
| DEoptimR | 1.0-4 | <https://cran.r-project.org/web/packages/DEoptimR/index.html> |
| deSolve | 1.13 | <https://cran.r-project.org/web/packages/deSolve/index.html> |
| DiagrammeR | 0.8.2 | <https://cran.r-project.org/web/packages/DiagrammeR/index.html> |
| dichromat | 2.0-0 | <https://cran.r-project.org/web/packages/dichromat/index.html> |
| digest | 0.6.9 | <https://cran.r-project.org/web/packages/digest/index.html> |
| dlm | 1.1-4 | <https://cran.r-project.org/web/packages/dlm/index.html> |
| DMwR | 0.4.1 | <https://cran.r-project.org/web/packages/DMwR/index.html> |
| dplyr | 0.4.3 | <https://cran.r-project.org/web/packages/dplyr/index.html> |
| DPpackage | 1.1-6 | <https://cran.r-project.org/web/packages/DPpackage/index.html> |
| dse | 2015.12-1 | <https://cran.r-project.org/web/packages/dse/index.html> |
| DT | 0.2 | <https://cran.r-project.org/web/packages/DT/index.html> |
| dtw | 1.18-1 | <https://cran.r-project.org/web/packages/dtw/index.html> |
| e1071 | 1.6-7 | <https://cran.r-project.org/web/packages/e1071/index.html> |
| earth | 4.4.4 | <https://cran.r-project.org/web/packages/earth/index.html> |
| EbayesThresh | 1.3.2 | <https://cran.r-project.org/web/packages/EbayesThresh/index.html> |
| ebdbNet | 1.2.3 | <https://cran.r-project.org/web/packages/ebdbNet/index.html> |
| ellipse | 0.3-8 | <https://cran.r-project.org/web/packages/ellipse/index.html> |
| emulator | 1.2-15 | <https://cran.r-project.org/web/packages/emulator/index.html> |
| ensembleBMA | 5.1.2 | <https://cran.r-project.org/web/packages/ensembleBMA/index.html> |
| entropy | 1.2.1 | <https://cran.r-project.org/web/packages/entropy/index.html> |
| EvalEst | 2015.4-2 | <https://cran.r-project.org/web/packages/EvalEst/index.html> |
| evaluate | 0.8.3 | <https://cran.r-project.org/web/packages/evaluate/index.html> |
| evdbayes | 1.1-1 | <https://cran.r-project.org/web/packages/evdbayes/index.html> |
| exactLoglinTest | 1.4.2 | <https://cran.r-project.org/web/packages/exactLoglinTest/index.html> |
| expm | 0.999-0 | <https://cran.r-project.org/web/packages/expm/index.html> |
| extremevalues | 2.3.2 | <https://cran.r-project.org/web/packages/extremevalues/index.html> |
| FactoMineR | 1.32 | <https://cran.r-project.org/web/packages/FactoMineR/index.html> |
| factorQR | 0.1-4 | <https://cran.r-project.org/web/packages/factorQR/index.html> |
| faoutlier | 0.6.1 | <https://cran.r-project.org/web/packages/faoutlier/index.html> |
| fBasics | 3011.87 | <https://cran.r-project.org/web/packages/fBasics/index.html> |
| fields | 8.3-6 | <https://cran.r-project.org/web/packages/fields/index.html> |
| filehash | 2.3 | <https://cran.r-project.org/web/packages/filehash/index.html> |
| fitdistrplus | 1.0-6 | <https://cran.r-project.org/web/packages/fitdistrplus/index.html> |
| flashClust | 1.01-2 | <https://cran.r-project.org/web/packages/flashClust/index.html> |
| FME | 1.3.2 | <https://cran.r-project.org/web/packages/FME/index.html> |
| fmsb | 0.5.2 | <https://cran.r-project.org/web/packages/fmsb/index.html> |
| foreach | 1.4.3 | <https://cran.r-project.org/web/packages/foreach/index.html> |
| forecast | 7 | <https://cran.r-project.org/web/packages/forecast/index.html> |
| forecastHybrid | 0.3.0 | <https://cran.r-project.org/web/packages/forecastHybrid/index.html> |
| Formula | 1.2-1 | <https://cran.r-project.org/web/packages/Formula/index.html> |
| fracdiff | 1.4-2 | <https://cran.r-project.org/web/packages/fracdiff/index.html> |
| fTrading | 3010.78 | <https://cran.r-project.org/web/packages/fTrading/index.html> |
| futile.logger | 1.4.3 | <https://cran.r-project.org/web/packages/futile.logger/index.html> |
| gam | 1.12 | <https://cran.r-project.org/web/packages/gam/index.html> |
| gamlr | 1.13-3 | <https://cran.r-project.org/web/packages/gamlr/index.html> |
| gclus | 1.3.1 | <https://cran.r-project.org/web/packages/gclus/index.html> |
| gdata | 2.17.0 | <https://cran.r-project.org/web/packages/gdata/index.html> |
| gee | 4.13-19 | <https://cran.r-project.org/web/packages/gee/index.html> |
| genetics | 1.3.8.1 | <https://cran.r-project.org/web/packages/genetics/index.html> |
| geoRglm | 0.9-8 | <https://cran.r-project.org/web/packages/geoRglm/index.html> |
| geosphere | 1.5-1 | <https://cran.r-project.org/web/packages/geosphere/index.html> |
| ggdendro | 0.1-18 | <https://cran.r-project.org/web/packages/ggdendro/index.html> |
| ggmap | 2.6.1 | <https://cran.r-project.org/web/packages/ggmap/index.html> |
| ggmcmc | 0.8 | <https://cran.r-project.org/web/packages/ggmcmc/index.html> |
| ggplot2 | 2.1.0 | <https://cran.r-project.org/web/packages/ggplot2/index.html> |
| ggrepel | 0.5 | <https://cran.r-project.org/web/packages/ggrepel/index.html> |
| ggthemes | 3.0.2 | <https://cran.r-project.org/web/packages/ggthemes/index.html> |
| glmmBUGS | 2.3 | <https://cran.r-project.org/web/packages/glmmBUGS/index.html> |
| glmnet | 2.0-5 | <https://cran.r-project.org/web/packages/glmnet/index.html> |
| gmodels | 2.16.2 | <https://cran.r-project.org/web/packages/gmodels/index.html> |
| gmp | 0.5-12 | <https://cran.r-project.org/web/packages/gmp/index.html> |
| gnm | 1.0-8 | <https://cran.r-project.org/web/packages/gnm/index.html> |
| GPArotation | 2014.11-1 | <https://cran.r-project.org/web/packages/GPArotation/index.html> |
| gridBase | 0.4-7 | <https://cran.r-project.org/web/packages/gridBase/index.html> |
| gridExtra | 2.2.1 | <https://cran.r-project.org/web/packages/gridExtra/index.html> |
| growcurves | 0.2.4.0 | <https://cran.r-project.org/web/packages/growcurves/index.html> |
| grpreg | 2.8-1 | <https://cran.r-project.org/web/packages/grpreg/index.html> |
| gss | 2.1-5 | <https://cran.r-project.org/web/packages/gss/index.html> |
| gsubfn | 0.6-6 | <https://cran.r-project.org/web/packages/gsubfn/index.html> |
| gtable | 0.2.0 | <https://cran.r-project.org/web/packages/gtable/index.html> |
| ggtern | 2.2.0 | <https://cran.r-project.org/web/packages/ggtern/index.html> |
| gtools | 3.5.0 | <https://cran.r-project.org/web/packages/gtools/index.html> |
| haplo.stats | 1.7.6 | <https://cran.r-project.org/web/packages/haplo.stats/index.html> |
| hash | 2.2.6 | <https://cran.r-project.org/web/packages/hash/index.html> |
| hbsae | 1 | <https://cran.r-project.org/web/packages/hbsae/index.html> |
| hdrcde | 3.1 | <https://cran.r-project.org/web/packages/hdrcde/index.html> |
| heavy | 0.3 | <https://cran.r-project.org/web/packages/heavy/index.html> |
| HH | 3.1-25 | <https://cran.r-project.org/web/packages/HH/index.html> |
| HI | 0.4 | <https://cran.r-project.org/web/packages/HI/index.html> |
| highcharter | 0.5.0 | <https://cran.r-project.org/web/packages/highcharter/index.html> |
| Hmisc | 3.17-3 | <https://cran.r-project.org/web/packages/Hmisc/index.html> |
| HSAUR | 1.3-7 | <https://cran.r-project.org/web/packages/HSAUR/index.html> |
| ifultools | 2.0-1 | <https://cran.r-project.org/web/packages/ifultools/index.html> |
| intervals | 0.15.1 | <https://cran.r-project.org/web/packages/intervals/index.html> |
| ipred | 0.9-5 | <https://cran.r-project.org/web/packages/ipred/index.html> |
| irlba | 2.0.0 | <https://cran.r-project.org/web/packages/irlba/index.html> |
| irr | 0.84 | <https://cran.r-project.org/web/packages/irr/index.html> |
| iterators | 1.0.8 | <https://cran.r-project.org/web/packages/iterators/index.html> |
| jpeg | 0.1-8 | <https://cran.r-project.org/web/packages/jpeg/index.html> |
| kernlab | 0.9-24 | <https://cran.r-project.org/web/packages/kernlab/index.html> |
| KernSmooth | 2.23-15 | <https://cran.r-project.org/web/packages/KernSmooth/index.html> |
| KFKSDS | 1.6 | <https://cran.r-project.org/web/packages/KFKSDS/index.html> |
| kinship2 | 1.6.4 | <https://cran.r-project.org/web/packages/kinship2/index.html> |
| kknn | 1.3.1 | <https://cran.r-project.org/web/packages/kknn/index.html> |
| klaR | 0.6-12 | <https://cran.r-project.org/web/packages/klaR/index.html> |
| knitr | 1.12.3 | <https://cran.r-project.org/web/packages/knitr/index.html> |
| labeling | 0.3 | <https://cran.r-project.org/web/packages/labeling/index.html> |
| lars | 1.2 | <https://cran.r-project.org/web/packages/lars/index.html> |
| lattice | 0.20-33 | <https://cran.r-project.org/web/packages/lattice/index.html> |
| latticeExtra | 0.6-28 | <https://cran.r-project.org/web/packages/latticeExtra/index.html> |
| lava | 1.4.1 | <https://cran.r-project.org/web/packages/lava/index.html> |
| lavaan | 0.5-20 | <https://cran.r-project.org/web/packages/lavaan/index.html> |
| lazyeval | 0.1.10 | <https://cran.r-project.org/web/packages/lazyeval/index.html> |
| leaps | 2.9 | <https://cran.r-project.org/web/packages/leaps/index.html> |
| LearnBayes | 2.15 | <https://cran.r-project.org/web/packages/LearnBayes/index.html> |
| LiblineaR | 1.94-2 | <https://cran.r-project.org/web/packages/LiblineaR/index.html> |
| LICORS | 0.2.0 | <https://cran.r-project.org/web/packages/LICORS/index.html> |
| limSolve | 1.5.5.1 | <https://cran.r-project.org/web/packages/limSolve/index.html> |
| lme4 | 1.1-11 | <https://cran.r-project.org/web/packages/lme4/index.html> |
| lmm | 1 | <https://cran.r-project.org/web/packages/lmm/index.html> |
| lmtest | 0.9-34 | <https://cran.r-project.org/web/packages/lmtest/index.html> |
| locfit | 1.5-9.1 | <https://cran.r-project.org/web/packages/locfit/index.html> |
| locpol | 0.6-0 | <https://cran.r-project.org/web/packages/locpol/index.html> |
| LogicReg | 1.5.8 | <https://cran.r-project.org/web/packages/LogicReg/index.html> |
| lsa | 0.73.1 | <https://cran.r-project.org/web/packages/lsa/index.html> |
| lubridate | 1.5.0 | <https://cran.r-project.org/web/packages/lubridate/index.html> |
| magic | 1.5-6 | <https://cran.r-project.org/web/packages/magic/index.html> |
| magrittr | 1.5 | <https://cran.r-project.org/web/packages/magrittr/index.html> |
| mapdata | 2.2-6 | <https://cran.r-project.org/web/packages/mapdata/index.html> |
| mapproj | 1.2-4 | <https://cran.r-project.org/web/packages/mapproj/index.html> |
| maps | 3.1.0 | <https://cran.r-project.org/web/packages/maps/index.html> |
| maptree | 1.4-7 | <https://cran.r-project.org/web/packages/maptree/index.html> |
| MASS | 7.3-45 | <https://cran.r-project.org/web/packages/MASS/index.html> |
| MasterBayes | 2.52 | <https://cran.r-project.org/web/packages/MasterBayes/index.html> |
| Matrix | 1.2-4 | <https://cran.r-project.org/web/packages/Matrix/index.html> |
| matrixcalc | 1.0-3 | <https://cran.r-project.org/web/packages/matrixcalc/index.html> |
| MatrixModels | 0.4-1 | <https://cran.r-project.org/web/packages/MatrixModels/index.html> |
| maxent | 1.3.3.1 | <https://cran.r-project.org/web/packages/maxent/index.html> |
| maxLik | 1.3-4 | <https://cran.r-project.org/web/packages/maxLik/index.html> |
| mboost | 2.6-0 | <https://cran.r-project.org/web/packages/mboost/index.html> |
| mda | 0.4-8 | <https://cran.r-project.org/web/packages/mda/index.html> |
| memoise | 1.0.0 | <https://cran.r-project.org/web/packages/memoise/index.html> |
| mi | 1 | <https://cran.r-project.org/web/packages/mi/index.html> |
| mice | 2.25 | <https://cran.r-project.org/web/packages/mice/index.html> |
| microbenchmark | 1.4-2.1 | <https://cran.r-project.org/web/packages/microbenchmark/index.html> |
| mime | 0.4 | <https://cran.r-project.org/web/packages/mime/index.html> |
| misc3d | 0.8-4 | <https://cran.r-project.org/web/packages/misc3d/index.html> |
| miscTools | 0.6-16 | <https://cran.r-project.org/web/packages/miscTools/index.html> |
| mitools | 2.3 | <https://cran.r-project.org/web/packages/mitools/index.html> |
| mixtools | 1.0.4 | <https://cran.r-project.org/web/packages/mixtools/index.html> |
| mlbench | 2.1-1 | <https://cran.r-project.org/web/packages/mlbench/index.html> |
| mnormt | 1.5-4 | <https://cran.r-project.org/web/packages/mnormt/index.html> |
| MNP | 2.6-4 | <https://cran.r-project.org/web/packages/MNP/index.html> |
| modeltools | 0.2-21 | <https://cran.r-project.org/web/packages/modeltools/index.html> |
| mombf | 1.6.1 | <https://cran.r-project.org/web/packages/mombf/index.html> |
| monomvn | 1.9-6 | <https://cran.r-project.org/web/packages/monomvn/index.html> |
| MSBVAR | 0.9-2 | <https://cran.r-project.org/web/packages/MSBVAR/index.html> |
| msm | 1.6.1 | <https://cran.r-project.org/web/packages/msm/index.html> |
| multcomp | 1.4-4 | <https://cran.r-project.org/web/packages/multcomp/index.html> |
| munsell | 0.4.3 | <https://cran.r-project.org/web/packages/munsell/index.html> |
| mvtnorm | 1.0-5 | <https://cran.r-project.org/web/packages/mvtnorm/index.html> |
| NbClust | 3 | <https://cran.r-project.org/web/packages/NbClust/index.html> |
| ncvreg | 3.5-1 | <https://cran.r-project.org/web/packages/ncvreg/index.html> |
| networkD3 | 0.2.13 | <https://cran.r-project.org/web/packages/networkD3/index.html> |
| neuralnet | 1.33 | <https://cran.r-project.org/web/packages/neuralnet/index.html> |
| nlme | 3.1-126 | <https://cran.r-project.org/web/packages/nlme/index.html> |
| nloptr | 1.0.4 | <https://cran.r-project.org/web/packages/nloptr/index.html> |
| NLP | 0.1-9 | <https://cran.r-project.org/web/packages/NLP/index.html> |
| NMF | 0.20.6 | <https://cran.r-project.org/web/packages/NMF/index.html> |
| nnet | 7.3-12 | <https://cran.r-project.org/web/packages/nnet/index.html> |
| nnls | 1.4 | <https://cran.r-project.org/web/packages/nnls/index.html> |
| nortest | 1.0-4 | <https://cran.r-project.org/web/packages/nortest/index.html> |
| numbers | 0.6-1 | <https://cran.r-project.org/web/packages/numbers/index.html> |
| numDeriv | 2014.2-1 | <https://cran.r-project.org/web/packages/numDeriv/index.html> |
| OutlierDC | 0.3-0 | <https://cran.r-project.org/web/packages/OutlierDC/index.html> |
| pacbpred | 0.92.2 | <https://cran.r-project.org/web/packages/pacbpred/index.html> |
| party | 1.0-25 | <https://cran.r-project.org/web/packages/party/index.html> |
| partykit | 1.0-5 | <https://cran.r-project.org/web/packages/partykit/index.html> |
| PAWL | 0.5 | <https://cran.r-project.org/web/packages/PAWL/index.html> |
| pbivnorm | 0.6.0 | <https://cran.r-project.org/web/packages/pbivnorm/index.html> |
| pcaPP | 1.9-60 | <https://cran.r-project.org/web/packages/pcaPP/index.html> |
| pdc | 1.0.3 | <https://cran.r-project.org/web/packages/pdc/index.html> |
| PerformanceAnalytics | 1.4.3541 | <https://cran.r-project.org/web/packages/PerformanceAnalytics/index.html> |
| plotly | 4.5.6 | <https://cran.r-project.org/web/packages/plotly/index.html> |
| plotmo | 3.1.4 | <https://cran.r-project.org/web/packages/plotmo/index.html> |
| plotrix | 3.6-1 | <https://cran.r-project.org/web/packages/plotrix/index.html> |
| pls | 2.5-0 | <https://cran.r-project.org/web/packages/pls/index.html> |
| plyr | 1.8.3 | <https://cran.r-project.org/web/packages/plyr/index.html> |
| png | 0.1-7 | <https://cran.r-project.org/web/packages/png/index.html> |
| polynom | 1.3-8 | <https://cran.r-project.org/web/packages/polynom/index.html> |
| predmixcor | 1.1-1 | <https://cran.r-project.org/web/packages/predmixcor/index.html> |
| PresenceAbsence | 1.1.9 | <https://cran.r-project.org/web/packages/PresenceAbsence/index.html> |
| profdpm | 3.3 | <https://cran.r-project.org/web/packages/profdpm/index.html> |
| proto | 0.3-10 | <https://cran.r-project.org/web/packages/proto/index.html> |
| proxy | 0.4-15 | <https://cran.r-project.org/web/packages/proxy/index.html> |
| pryr | 0.1.2 | <https://cran.r-project.org/web/packages/pryr/index.html> |
| pscl | 1.4.9 | <https://cran.r-project.org/web/packages/pscl/index.html> |
| psych | 1.5.8 | <https://cran.r-project.org/web/packages/psych/index.html> |
| qap | 0.1-0 | <https://cran.r-project.org/web/packages/qap/index.html> |
| qdapRegex | 0.6.0 | <https://cran.r-project.org/web/packages/qdapRegex/index.html> |
| qcc | 2.6 | <https://cran.r-project.org/web/packages/qcc/index.html> |
| quadprog | 1.5-5 | <https://cran.r-project.org/web/packages/quadprog/index.html> |
| quantreg | 5.21 | <https://cran.r-project.org/web/packages/quantreg/index.html> |
| qvcalc | 0.9-0 | <https://cran.r-project.org/web/packages/qvcalc/index.html> |
| R.oo | 1.20.0 | <https://cran.r-project.org/web/packages/R.oo/index.html> |
| ramps | 0.6-13 | <https://cran.r-project.org/web/packages/ramps/index.html> |
| RandomFieldsUtils | 0.0.14 | <https://cran.r-project.org/web/packages/RandomFieldsUtils/index.html> |
| Rblpapi | 0.3.5 | <https://cran.r-project.org/web/packages/Rblpapi/index.html> |
| RColorBrewer | 1.1-2 | <https://cran.r-project.org/web/packages/RColorBrewer/index.html> |
| Rcpp | 0.12.3 | <https://cran.r-project.org/web/packages/Rcpp/index.html> |
| RcppArmadillo | 0.6.600.4.0 | <https://cran.r-project.org/web/packages/RcppArmadillo/index.html> |
| RcppEigen | 0.3.2.8.1 | <https://cran.r-project.org/web/packages/RcppEigen/index.html> |
| Redmonder | 0.2.0 | <https://cran.r-project.org/web/packages/Redmonder/index.html> |
| registry | 0.3 | <https://cran.r-project.org/web/packages/registry/index.html> |
| relimp | 1.0-5 | <https://cran.r-project.org/web/packages/relimp/index.html> |
| reshape | 0.8.5 | <https://cran.r-project.org/web/packages/reshape/index.html> |
| reshape2 | 1.4.1 | <https://cran.r-project.org/web/packages/reshape2/index.html> |
| RGraphics | 2.0-14 | <https://cran.r-project.org/web/packages/RGraphics/index.html> |
| rjson | 0.2.15 | <https://cran.r-project.org/web/packages/rjson/index.html> |
| RJSONIO | 1.3-0 | <https://cran.r-project.org/web/packages/RJSONIO/index.html> |
| Rmpfr | 0.6-0 | <https://cran.r-project.org/web/packages/Rmpfr/index.html> |
| rms | 4.4-2 | <https://cran.r-project.org/web/packages/rms/index.html> |
| robustbase | 0.92-5 | <https://cran.r-project.org/web/packages/robustbase/index.html> |
| ROCR | 1.0-7 | <https://cran.r-project.org/web/packages/ROCR/index.html> |
| rpart.plot | 1.5.3 | <https://cran.r-project.org/web/packages/rpart.plot/index.html> |
| rrcov | 1.3-11 | <https://cran.r-project.org/web/packages/rrcov/index.html> |
| rscproxy | 2.0-5 | <https://cran.r-project.org/web/packages/rscproxy/index.html> |
| RSGHB | 1.1.2 | <https://cran.r-project.org/web/packages/RSGHB/index.html> |
| RTextTools | 1.4.2 | <https://cran.r-project.org/web/packages/RTextTools/index.html> |
| rworldmap | 1.3-6 | <https://cran.r-project.org/web/packages/rworldmap/index.html> |
| SampleSizeMeans | 1.1 | <https://cran.r-project.org/web/packages/SampleSizeMeans/index.html> |
| SampleSizeProportions | 1 | <https://cran.r-project.org/web/packages/SampleSizeProportions/index.html> |
| sbgcop | 0.975 | <https://cran.r-project.org/web/packages/sbgcop/index.html> |
| scales | 0.4.0 | <https://cran.r-project.org/web/packages/scales/index.html> |
| scatterplot3d | 0.3-36 | <https://cran.r-project.org/web/packages/scatterplot3d/index.html> |
| sciplot | 1.1-0 | <https://cran.r-project.org/web/packages/sciplot/index.html> |
| segmented | 0.5-1.4 | <https://cran.r-project.org/web/packages/segmented/index.html> |
| seriation | 1.2-0 | <https://cran.r-project.org/web/packages/seriation/index.html> |
| setRNG | 2013.9-1 | <https://cran.r-project.org/web/packages/setRNG/index.html> |
| sfsmisc | 1.1-0 | <https://cran.r-project.org/web/packages/sfsmisc/index.html> |
| SIS | 0.7-6 | <https://cran.r-project.org/web/packages/SIS/index.html> |
| SixSigma | 0.9-3 | <https://cran.r-project.org/web/packages/SixSigma/index.html> |
| skmeans | 0.2-8 | <https://cran.r-project.org/web/packages/skmeans/index.html> |
| slam | 0.1-32 | <https://cran.r-project.org/web/packages/slam/index.html> |
| smoothSurv | 1.6 | <https://cran.r-project.org/web/packages/smoothSurv/index.html> |
| sna | 2.3-2 | <https://cran.r-project.org/web/packages/sna/index.html> |
| snow | 0.4-1 | <https://cran.r-project.org/web/packages/snow/index.html> |
| SnowballC | 0.5.1 | <https://cran.r-project.org/web/packages/SnowballC/index.html> |
| snowFT | 1.4-0 | <https://cran.r-project.org/web/packages/snowFT/index.html> |
| sp | 1.2-2 | <https://cran.r-project.org/web/packages/sp/index.html> |
| spacetime | 1.1-5 | <https://cran.r-project.org/web/packages/spacetime/index.html> |
| spam | 1.3-0 | <https://cran.r-project.org/web/packages/spam/index.html> |
| SparseM | 1.7 | <https://cran.r-project.org/web/packages/SparseM/index.html> |
| spatial | 7.3-11 | <https://cran.r-project.org/web/packages/spatial/index.html> |
| spBayes | 0.3-9 | <https://cran.r-project.org/web/packages/spBayes/index.html> |
| spikeslab | 1.1.5 | <https://cran.r-project.org/web/packages/spikeslab/index.html> |
| splancs | 2.01-38 | <https://cran.r-project.org/web/packages/splancs/index.html> |
| spls | 2.2-1 | <https://cran.r-project.org/web/packages/spls/index.html> |
| spTimer | 2.0-1 | <https://cran.r-project.org/web/packages/spTimer/index.html> |
| sqldf | 0.4-10 | <https://cran.r-project.org/web/packages/sqldf/index.html> |
| sROC | 0.1-2 | <https://cran.r-project.org/web/packages/sROC/index.html> |
| stabledist | 0.7-0 | <https://cran.r-project.org/web/packages/stabledist/index.html> |
| stabs | 0.5-1 | <https://cran.r-project.org/web/packages/stabs/index.html> |
| stepPlr | 0.92 | <https://cran.r-project.org/web/packages/stepPlr/index.html> |
| stringdist | 0.9.4.1 | <https://cran.r-project.org/web/packages/stringdist/index.html> |
| stringr | 1.0.0 | <https://cran.r-project.org/web/packages/stringr/index.html> |
| stsm | 1.7 | <https://cran.r-project.org/web/packages/stsm/index.html> |
| stsm.class | 1.3 | <https://cran.r-project.org/web/packages/stsm.class/index.html> |
| survival | 2.38-3 | <https://cran.r-project.org/web/packages/survival/index.html> |
| tau | 0.0-18 | <https://cran.r-project.org/web/packages/tau/index.html> |
| tcltk2 | 1.2-11 | <https://cran.r-project.org/web/packages/tcltk2/index.html> |
| tensorA | 0.36 | <https://cran.r-project.org/web/packages/tensorA/index.html> |
| textcat | 1.0-4 | <https://cran.r-project.org/web/packages/textcat/index.html> |
| textir | 2.0-4 | <https://cran.r-project.org/web/packages/textir/index.html> |
| tfplot | 2015.12-1 | <https://cran.r-project.org/web/packages/tfplot/index.html> |
| TH.data | 1.0-7 | <https://cran.r-project.org/web/packages/TH.data/index.html> |
| tidyr | 0.4.1 | <https://cran.r-project.org/web/packages/tidyr/index.html> |
| timeDate | 3012.1 | <https://cran.r-project.org/web/packages/timeDate/index.html> |
| timeSeries | 3022.101.2 | <https://cran.r-project.org/web/packages/timeSeries/index.html> |
| timevis | 0.4 | <https://cran.r-project.org/web/packages/timevis/index.html> |
| tm | 0.6-2 | <https://cran.r-project.org/web/packages/tm/index.html> |
| topicmodels | 0.2-3 | <https://cran.r-project.org/web/packages/topicmodels/index.html> |
| tree | 1.0-37 | <https://cran.r-project.org/web/packages/tree/index.html> |
| treemap | 2.4-2 | <https://cran.r-project.org/web/packages/treemap/index.html> |
| tseries | 0.10-34 | <https://cran.r-project.org/web/packages/tseries/index.html> |
| tsfa | 2014.10-1 | <https://cran.r-project.org/web/packages/tsfa/index.html> |
| tsoutliers | 0.6 | <https://cran.r-project.org/web/packages/tsoutliers/index.html> |
| TSP | 1.1-4 | <https://cran.r-project.org/web/packages/TSP/index.html> |
| vcd | 1.4-1 | <https://cran.r-project.org/web/packages/vcd/index.html> |
| VennDiagram | 1.6.17 | <https://cran.r-project.org/web/packages/VennDiagram/index.html> |
| VGAM | 1.0-1 | <https://cran.r-project.org/web/packages/VGAM/index.html> |
| VIM | 4.4.1 | <https://cran.r-project.org/web/packages/VIM/index.html> |
| whisker | 0.3-2 | <https://cran.r-project.org/web/packages/whisker/index.html> |
| wordcloud | 2.5 | <https://cran.r-project.org/web/packages/wordcloud/index.html> |
| xgboost | 0.4-3 | <https://cran.r-project.org/web/packages/xgboost/index.html> |
| XML | 3.98-1.4 | <https://cran.r-project.org/web/packages/XML/index.html> |
| xts | 0.9-7 | <https://cran.r-project.org/web/packages/xts/index.html> |
| yaml | 2.1.13 | <https://cran.r-project.org/web/packages/yaml/index.html> |
| zipfR | 0.6-6 | <https://cran.r-project.org/web/packages/zipfR/index.html> |
| zoo | 1.7-12 | <https://cran.r-project.org/web/packages/zoo/index.html> |

R scripts that are not supported in Power BI

The following table shows which packages are **not supported** in the Power BI service.

| **Package** | **Request Date** | **Reason** |
| --- | --- | --- |
| RgoogleMaps | 10/05/2016 | Networking is blocked |
| mailR | 10/03/2016 | Networking is blocked |
| RevoScaleR | 8/30/2016 | ships only with Microsoft R Server |