

# Package ‘BayesianNetwork’

May 6, 2026

**Version** 0.4

**Title** Bayesian Network Modeling and Analysis

**Description** A ``Shiny'' web application for creating interactive Bayesian Network models, learning the structure and parameters of Bayesian networks, and utilities for classic network analysis.

**URL** <https://github.com/paulgovan/bayesiannetwork>,  
<http://paulgovan.github.io/BayesianNetwork/>,  
<https://github.com/paulgovan/BayesianNetwork>

**BugReports** <https://github.com/paulgovan/BayesianNetwork/issues>

**Depends** R (>= 3.6.0)

**License** Apache License (>= 2)

**Imports** bnlearn, heatmaply, lattice, networkD3, plotly, rintrojs,  
shiny, shinyAce, shinydashboard, shinyWidgets,

**RoxygenNote** 7.3.3

**Suggests** chromote, knitr, rmarkdown, testthat (>= 3.0.0), shinytest2

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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BayesianNetwork

*Bayesian Network modeling and analysis.*

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**Description**

BayesianNetwork is a Shiny web application for Bayesian Network modeling and analysis.

**Usage**

```
BayesianNetwork()
```

**Value**

The function returns no value. It launches a shiny web application for Bayesian Network modeling and analysis.

**See Also**

<http://paulgovan.github.io/BayesianNetwork/>

**Examples**

```
if (interactive()) {  
  BayesianNetwork()  
}
```

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