

The WinMine Toolkit

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October 23, 2002

Technical Report
MSR-TR-2002-103

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1 Introduction

The WinMine Toolkit is a set of tools that allow you to build statistical models from data. The majority of the tools are command-line executables that can be run in scripts.

1.1 Home Page

The WinMine home page is located at:

<http://www.research.microsoft.com/~dmax/WinMine/Tooldoc.htm>

1.2 Contents of the Toolkit

The current version of the toolkit contains the following executables:

- **DataConverter.exe**
Interactive tool that converts from a raw data file or an SQL table into the WinMine XML data format
- **DataJoin.exe**
Command-line tool that performs a join on two data files
- **DataSplit.exe**
Command-line tool that splits a data file into a training data file and testing data file
- **DataCheck.exe**
Command-line tool that scans a data file and outputs summary statistics
- **PlanEditor.exe**
Interactive tool for creating and editing plan files
- **Dnet.exe**
Command-line tool that builds a dependency network or a Bayesian network from data
- **DnetBrowser.exe**
Interactive tool for viewing dependency networks and Bayesian networks
Bin/DnetLogscore.exe Command-line tool that computes the log predictive accuracy of a model

1.3 Downloading and Updating the Toolkit

You can download the toolkit by following the instructions on the home page. Updates and bug fixes are periodically made to the toolkit. To update a current version of the tools, follow the update instructions on the home page.

1.4 Online Tutorial

There is an online tutorial that you can use to learn how to use all of the tools in the toolkit. We recommend that all new users step through the tutorial to gain familiarity with the tools.

1.5 Mailing List

There is a WinMine discussion group that you can join to discuss the toolkit with a community of users. Visit the WinMine Toolkit home page for details.