

- Working with MATLAB User Interface
- Reading data from files , Saving and loading variables
- Calculating statistics and best-fit line
- Exporting graphics for use in other applications
- Variables and Expressions
- Accessing and modifying values in variables
- Creating character variables
- Analysis and Visualization with Vectors
- Analysis and Visualization with Matrices
- Size and dimensionality , Calculations with Matrices
- Statistics with matrix data , Plotting multiple columns
- Reshaping and linear indexing , Multidimensional arrays
- Automating Commands with Scripts
- Working with Text and Dates
- Logic and Flow Control , Writing Functions
- Creating and Simulating a Model , Modeling Programming Constructs
- Modeling Discrete Systems , Modeling Continuous Systems
- Developing Model Hierarchy , Creating Libraries
- Modeling Conditionally Executed Algorithms

