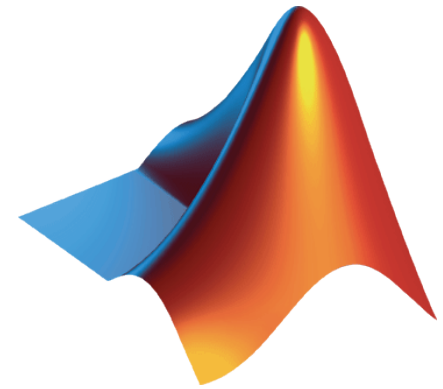


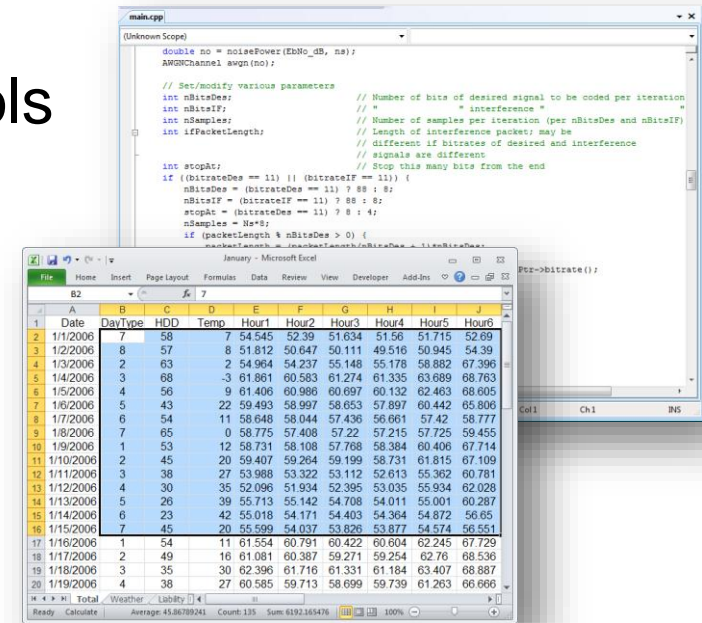
Introduction to MATLAB

David Willingham
Senior Application Engineer



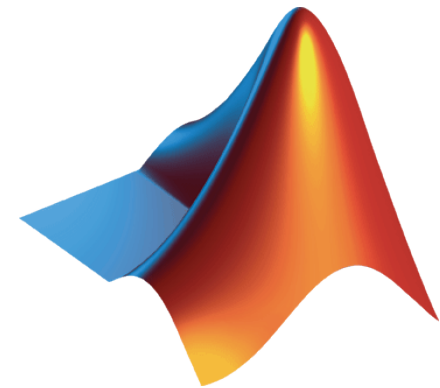
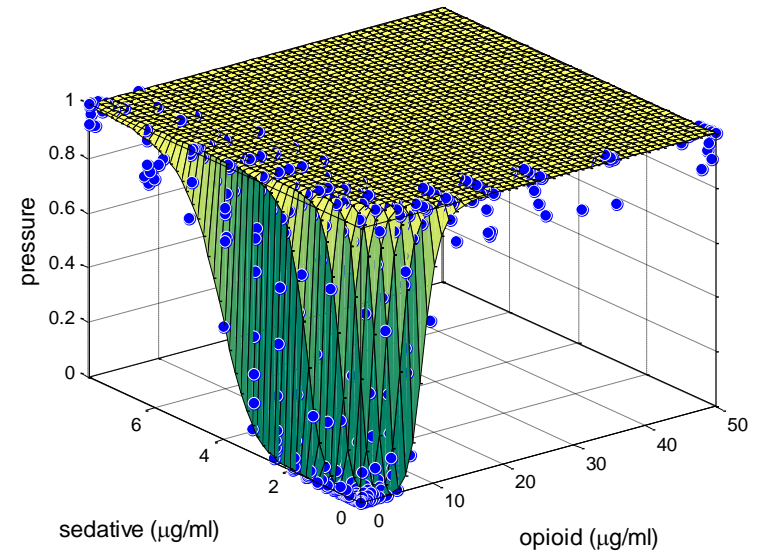
Tools Used in Data Analysis

- Spreadsheets
 - Excel
- Specialized and single-purpose tools
 - Image processing application
 - Speech recognition application
- General-purpose languages
 - C, C++, FORTRAN
 - Java, Visual Basic, C#
 - R, Python
- Technical computing languages
 - MATLAB

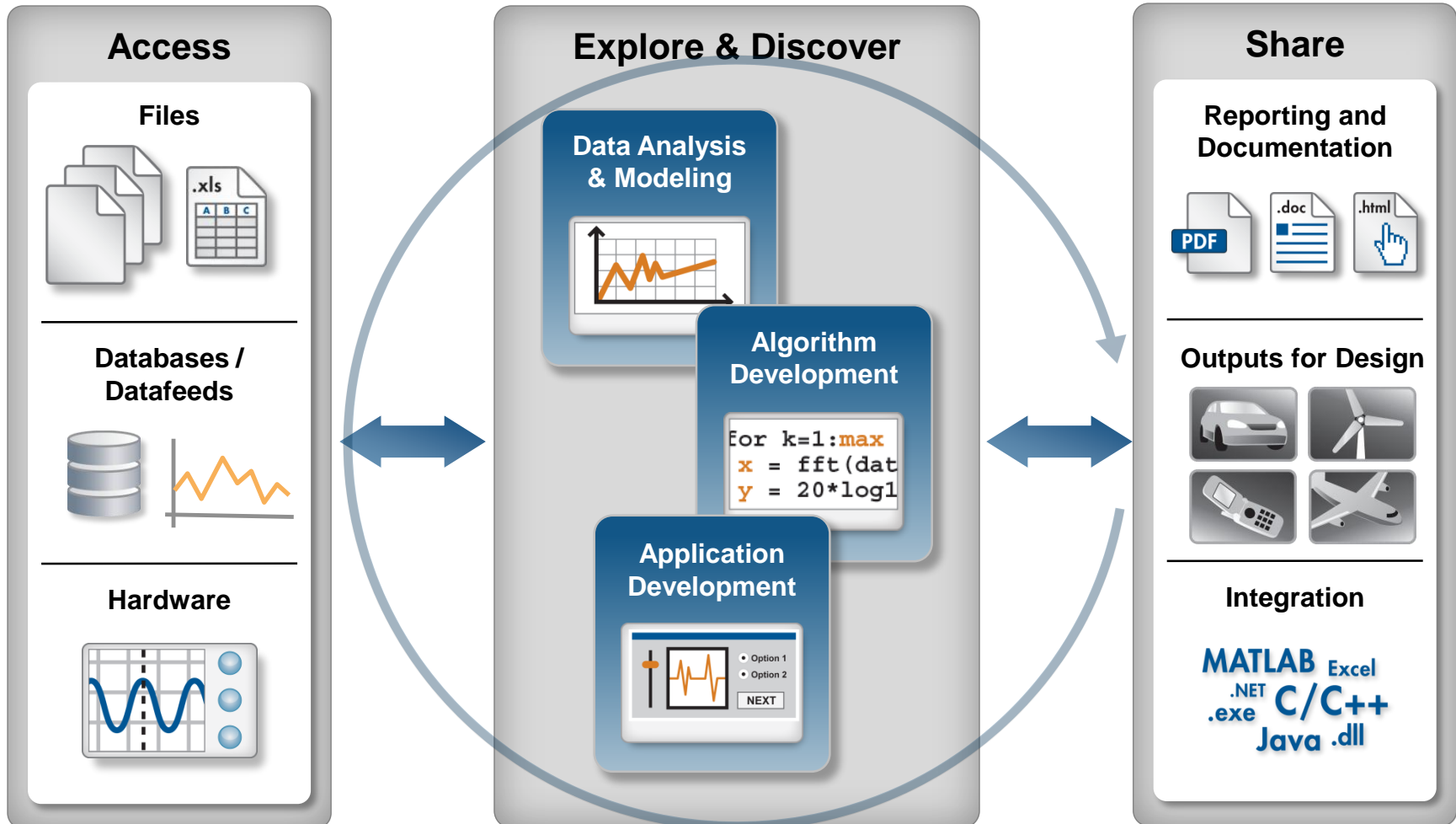


Agenda

- Import Data
- Build a Mathematical Model
- Share as an automated report



Technical Computing Workflow



Automate