A.   *DataExplorer* was written by Dave Holscher and Bruce Calder.   It was developed in support of the Integrated First-Year Curriculum in Science, Engineering, and Mathematics at   Rose-Hulman Institute of Technology.   This curriculum project is supported by the National Science Foundation, the General Electric Foundation, and Lilly Endowment, Inc. If you are interested in this or any other application written for the Rose-Hulman Institute of Technology Integrated First Year   Curriculum, please contact us at **ifycsem@nextwork.rose-hulman.edu**.   The following people are currently serving as professors for the curriculum and would welcome your comments and questions:

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B. *DataExplorer* best fits in the Statistics category.

C. *DataExplorer* is an application for analyzing data and graphing the results.   It has the ability to perform mathematical transformations on columns of data and then graph it. Fourier fits and linear fits can then be performed on the data sets created from the columns of values.   It accepts many forms of ascii data including Mathematica's style of grouping data points.   It supports multiple plots with a powerful plot editor to title and notate the plots.   It has the ability to both save and load individual plots or documents of data and the plots of that data.   It is the second generation of data analysis tools to be

produced by the Integrated First Year Curriculum.

D.   *DataExplorer* is used as part of the Integrated First Year Curriculum in Physics, Calculus, Chemistry, and other such classes were lab data is analyzed.

E.   *DataExplorer* was developed under NeXTSTEP 2.1.

F.   *DataExplorer* requires no special installation.

G.   The Documentation folder included with the application is required for online documentation built into the application.   If it is removed, the application will still function

properly, except for Help.