Terms:

These quick definitions of terms the documentation uses which you might want to be aware of. Please don't be insulted by anything which appears obvious to you. These are only here so you may know the exact items to which we refer when you get confused by our terminology in the documentation.

Document:

This is *DataExplorer's* main document.   This is the center of data creation and manipulation. Associated with the Document are its Plots (see below).

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Active Document:

Since you may have multiple Documents open the Active Document refers to the Document which you are currently working with. It is distinguished by a highlighted title bar. It is possible to not have an Active Document.

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Column:

This refers to one column displayed in the Document.

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Active Column:

Since you may add multiple Columns to a Document Active Column refers to the Column which you are currently working with in the Active Document. It is distinguished by a highlighted Grab Bar. It is possible to not have an Active Column.

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Grab Bar:

This is the small button like appendage at the top of the Column. It is used to indicate the Active Column and to rearrange Columns in their Document.

Dependant Columns:

These are Columns which are tied together through their expressions. If Column B has the expression ln(A) and Column C has the expression exp(A) then Columns A, B, and C would be tied together, because B is tied to A and C is tied to A so B is tied to C also.

Data Set:

This is an item created from X and Y data and possible X and Y error data. All Data Sets are owned by a Plot (see below) which are in turn owned by a Document. Data   Sets may be created from Columns using the Data Set Inspector (see below) or pasted into a Plot (see further documentation).
Data Sets may be fitted, fourier fitted, have their display properties changed from the Plot Inspector (see below), etc.

Active Data Set:

This is the Data Set currently selected in the Data Set Inspector (see below). It is possible not to have an Active Data Set.

Tool:

This is any panel in *DataExplorer* that is not a Document or a Plot.

Data Set Inspector:

This is the Tool with which Data Sets are built and manipulated.

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Plot Inspector:

This is the Tool with which allows you to manipulate the attributes of a Plot.

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Document Inspector:

This is the Tool with which allows you to manipulate the attributes of the Active Document and Active Column. It also allows you to add and set Variables (see below).

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The following are panels in the Document Inspector. They are shown here so you know to the one which we are referring.

Document Panel:

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Column Panel:

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New Column Panel:

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Fill Column Panel:

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Variables Panel:

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Variables:

Are items which you may add to the Document and then use in expressions. You can set their values and change their names from the Variable Panel in the Document inspector.

Linear Analysis:

This is the Tool with which allows perform linear analysis of the Active Document.

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Fourier Analysis:

This is the Tool with which allows perform fourier analysis of the Active Document.

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Plot:

The Plot exists in *DataExplorer* to display Data Sets. All Plots are owned by a Document.

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Active Plot:

Since you may have multiple Plots open the Active Plot refers to the Plot which you are currently working with. It is distinguished by a highlighted title bar. It is possible to not have an Active Plot.

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Fit Line:

A manipulatable item drawn in a Plot which displays a linear fit to a Data Set.

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