

# Developing Data Products

Coursera Project - Slidify

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# Analyzing the out of the box Titanic Dataset

The out of the box Titanic Dataset was used for this shiny app for analysis.

The interface was created with 4 different tabs

1. Documentation
2. Selected Values
3. Grid
4. Plot

# Filtering

1. Determine if filtering the dataset is desired by clicking on the Filter Data? Checkbox
2. Select additional values to filter upon: Class, Sex and Age
3. Click the Submit Button

## Selected Values

The values selected are displayed in the form of:

1. Class
2. Sex
3. Age

# Grid

The grid can be used for sorting, paging and filtering the data asides from the filter options in the left hand navigation panel.

1. Choose how many entries you want to view - Top Left of the Grid
2. Sort any of the columns by clicking on the up/down icons to the right of each column name
3. Enter the value to search and filter for - Top right of the Grid
4. Filter a single or multiple columns at the same time - Bottom of the Grid
5. Page the data in the Grid - Bottom right of the Grid

# Plot

A MosaicPlot has been utilized to display the data that has been filtered.

1. Click the Plot Tab