

# Scotch Whisky Recommendation Dashboard

The Scotch Whisky Recommendation Dashboard allows you to search and find your preferred scotch among three different parameters and provides a plethora of different suggestions based on your requirements.

## Search Parameters

In order to provide accurate recommendations, The dashboard asks for the following parameters :

1. Price Range : The user gets to choose between 5 different price brackets ranging from scotch costing less than 100 Dollars to more than 10000 Dollars.
2. Scotch Rating : It is a range of 15 different review ratings from 83 to 97.
3. Category : This parameter contains three different selection options, namely Blended scotch, Single malt scotch and Blended malt scotch.

## Usage

In order to use the dashboard, the user has to select all the three parameters. Once the three parameters have been selected the data-table given below will automatically update and provide the appropriate recommendations. The bar chart will also update according to the categories selected and will display the price wise bar chart of different categories segregated by ratings. It shows the count of all the options available in the selected parameters and updates itself in real time as the selected parameters are changed.

## References

1. Whisky Advocate : <https://www.whiskyadvocate.com>
2. Dataset : <https://www.kaggle.com/datasets/koki25ando/22000-scotch-whisky-reviews>
3. Plotly - DataTable : <https://dash.plotly.com/datatable>
4. Plotly - Bar graph : <https://plotly.com/python/Bar/>