# Beer-Recommendation-Engine ( Toy App )

This application is a *micro* recommendation engine for beers. The application recommends you a set of beers based on your selection for a favorite beer. **Use the application:** - select from left panel your favorite type of beer - select your favorite label **As outcome:** - you can interact in RGL chart (drag, rotate, etc); you can see the cluster of similar beers with your favorite one. This way you can learn more about similar beers, categories and beer styles. - the second tab presents the characteristics of similar beers with your favorite one (ABV, Description, etc). Behind the Scenes: The horse-work function of the application, saved in global.R file, find the similar beer with the preferred selected one in two steps: **Step 1.** based on categorical and quantitative characteristics: category, style, ABV **Step 2.** based on semantic label similarity (it is used the default: Optimal String Alignment) The application slider allows user to select the number of similar beer labels to be retrieved for the 'beer investigation' :p The data used for the application is from [Open Beer Database][<http://openbeerdb.com/>]