**Project-3 Proposal (Group 5)**

Members:

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Project Title:

“**OkCupid Dating Profiles- Exploratory Data Analysis and Visualization”**

Project Scope:

OkCupid is a U.S.-based, online dating website and application. It is also one of the top 10 dating apps. In general, the OkCupid data reflects many trends in the general population, such as drinking habit and income disparities. In this project, we want to explore the demographics, religious affiliations, education, and individual behaviors of the users.

Abstract:

We present a data set consisting of the user profile data from San Francisco OkCupid users (a free online dating website) from period in the 2010s. The data set includes typical users’ information’s. lifestyle variables, introductory probability and statistics.

Research Questions:

1. Determine the gender and age distribution of the users
2. Do we care about religion/ race?
3. What are the behavioral aspects of the users?

Dataset:

<https://github.com/rudeboybert/JSE_OkCupid>

Project Details:

* We cleaned the Data using Python
* Used Seaborn library to Print colorful Graphs.
* We used Mongo bd.
* We Used Flask.
* We Used Sunburst Graph.
* We used new JavaScript liberary.