

Make a desktop application using Python in Jupiter notebook with tkinter, pandas, numpy and matplotlib libraries. The application must be able to import a database in excel and csv format, then perform a data transformation to use machine learning (Random Forest) so that it can learn from it and predict employee resignations, "from sklearn" must be used. ensemble import RandomForestClassifier" to use the Random Forest, the prediction must have an acceptable Recall, that is, greater than or equal to 80%, in addition, 4 types of dashboards must be shown at the student's discretion.

Code	Description
HU-01	As a human resources analyst, I want to navigate the system options menu.
HU-02	As a human resources analyst, I want to import a database into the system.
HU-03	As a HR Analyst, I want to see the imported database
HU-04	As a HR Analyst, I want the system to learn from the imported database.
HU-05	As a human resources analyst, I want the system to be able to predict the possible resignations of the company's employees.
HU-06	As a human resources analyst, I want to visualize the table of workers with possible resignations predicted by the system.
HU-07	As a human resources analyst I want to visualize the total number of voluntary resignations that have been predicted.
HU-08	As an HR analyst, I want to visualize a predictability meter.
HU-09	As a human resources analyst, I want a button to download the table with the prediction made by the system in pdf format.
HU-10	As a human resources analyst, I want the system to display the information for employees with possible resignation in a bar chart.
HU-11	As a human resources analyst, I want the system to display the information of employees with possible resignation in a pie chart.
HU-12	As a human resources analyst, I want the system to display the information of employees with possible resignation in a bar chart with color.
HU-13	As a human resource analyst, I want the system to display the information for employees with possible resignation in a line chart.
HU-14	As a human resource analyst, I want the system to display the variables for each worker as appropriate in their profile.
HU-15	As a human resources analyst, I want to download every graph made.

HU-16	As a human resources analyst, I want to download the table with the prediction made by the system in excel format.
HU-17	As a human resources analyst, I want to get out of the system.
HU-18	As a HR Analyst, I want to customize the system theme.
HU-19	As an HR analyst, I want to go back through the components of the system.
HU-20	As a human resources analyst, I want to press a button that gives me suggestions for using the system.
HU-21	As a human resources analyst, I want to search by filters in the table with the prediction made (if he is going to resign, age and work area) to the workers.
HU-22	As a human resources analyst, I want to see the number of resignations that exist between a certain age.
HU-23	As a human resources analyst, I want to see the number of resignations from men and women.
HU-24	As a HR analyst, I want to insert more workers into the imported table.
HU-25	As a HR analyst, I want to edit the data in the imported table if necessary.
HU-26	As a HR analyst, I want to delete a worker from the imported table.
HU-27	As a HR analyst, I want to delete columns from the exported table.
HU-28	As a HR analyst, I want to delete columns from the imported table.
HU-29	As a HR Analyst, I want to delete the imported table.
HU-30	As a human resources analyst, I want to see error messages and tips for importing data properly.