

Project proposal

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Executive Summary.

Over last couple of years the amount of data produce has increase drastically. The demand for professionals able to make sense of all this numbers has grown with it. People are interested in learning Data analysis and Data Science skills. Studying a new subject means investing time and money. Before any investment, doing proper research is a wise idea. This project has the aim to make that decision a little easier by displaying in a friendly way the job prospect job Related to Data analysis and Data Science.

Why

The aim of this project is to answer the following questions:

- Which Job Title related to Data Analysis/Science pays the best?
- Which industry pays the best for Data Analysis/Science professionals?
- Which industry is looking for more Data Analysis/Science professionals?
- Which is the degree gets pay the best for Data Analysis/Science jobs?
- Which are the most demanded skills?
- Which are the skills for the top paying jobs?

Who

This project is aim at people interested in starting a career as a Data Analysis/Science professional (See the persona document at the end) and want a friendly and easy way to look at the information.

What

I am going to use the Data Scientist Salary Data set published by Nikhil Bhati in Kaggle (<https://www.kaggle.com/nikhilbhati/data-scientist-salary-us-glassdoor#>). I choose this

Dataset because of its many variables of interested (Skills, Salary, location, etc.) and because is us focus, there were other great Data Sets focus on India and other countries.

How

I will present the information in an Interactive Dashboard so the people interested in specific Sectors or positions can find the information best suited for there needs and wants.

Challenge

It may be hard to answer all this question in an interactive Dashboard without overloading it with information. Also, I most be careful on how I display the filters and controls so is friendly intuitive. Furthermore, making the interaction between the charts understandable will need to be a priority to avoid confusion with the audience.

Persona Document



"I interested in Data Science and Data Analysis. I think of making a career Change, but I want to know for sure what I will be walking myself to"

John need to a clear and easy way to understand the job market for data professionals. We need to know where to focus his money and time to get the best possible salary base on his interests.

Name: John Doe

Sex: Male

Role Mechanical Engineering student

Goals

- Understand the job marker for Data professionals
- Know with sectors pays the best
- Know with skill are most demanded
- Know the general information of the job market for Data Professionals

Challenge

- Looking at job market is scary for him, so he wants a friendly way to look at the data
- He wants to use a tool so other people in his situation can make a inform decision
- He has limited time and resources, so he needs to make sure he makes the "Right choice"