Sadia Riaz

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**EDUCATION**

**BAHRIA UNIVERSITY KARACHI Karachi, Pakistan**

Bachelor of Science in Computer Science **August 2018- August 2022**

**Cumulative GPA**: 3.19/4.0

**Awards**: Dean’s List Leadership Sales Communication Economics Finance Entertainment Finance Statistics Banking Programming Data

Analytics Motivated Sports Athletic Intern IT Technology Marketing

**WORK EXPERIENCE**

**SunnayAdi Westland Trade Centre, Karachi**

*Graphics Designer Intern* March 2022 – April 2022

* Learned Adobe Illustrator with depth functionality
* Worked on a couple of projects on Pentool with proper functionality and extended features
* Created FontSize logo and created logos for the website

**Afiniti Karachi, Pakistan**

*Software Testing | Project Trainee Program Intern* July 2020 – August 2020

* Afiniti uses Artificial Intelligence (AI) to pair clients on a behavioral basis, leading to an increase in enterprise profitability
* Tested the software to find the errors while the call is in the call flow and pairing attributes
* Worked on building the part of the application that the call center agents used for calling and answering
* Analyzed and interpreted big data for implementing algorithmic and strategic changes

**PROJECTS**

**Deaths From Air Pollution**   **Feb 2021 – July 2021**

* In this project, Firstly, google collab uploads the Excel sheet (dataset) then libraries are imported and read the CSV file through decode. We analyzed and cleansed the dataset to remove any special characters, null, etc to make the process efficient and error-proof. We were able to scale our numerical fields to see the map of scaled data which is between 0-1. We were able to normalize the data to get the normal distribution. In the next phase, the data were split into two datasets namely, training data and test data, to deploy the algorithms (Linear regression and decision tree) to determine the end product of which algorithmic model gives the best accuracy rates of deaths according to years.
* We were able to build this model with adjustments. The two significant variables years and air pollution played a massive role in constructing the prediction model to provide the best result of how many deaths will be occurring in the following years. This project won the 1st position in the classroom and was recognized in the department.

**Movie Recommendation System Aug 2021 – Jan 2022**

* In this project, we build a system for users that recommends the movie in the most efficient way based on the user’s likes and previously watched movies.
* The goal of a recommender system is to generate meaningful recommendations of movies that might interest the user. Suggested movies on Netflix, are real-world examples of the operation of industry-strength recommender systems. Recommendation systems provide content for us by taking what other people recommend as well as our selections into account.

**LEADERSHIP AND ACTIVITIES**

* Head Prefect (Aug 2016 – July 2018): **Karachi, Pakistan**
* Painter-Calligrapher (Aug 2012): **Karachi, Pakistan**

**SKILLS AND INTERESTS**

**Foreign Languages and Interests:** English, Urdu, and Punjabi | Cricket, Badminton

**Technical Skills:** Python, WordPress Tableau, HTML, CSS, Adobe Illustrator, Microsoft Access, MS Office, Visual Studio, Project Planning, Cisco, Emulator 8086, Data Analysis, Data Modeling, Data Visualization, Algorithm design, Data warehouse**,** MATLAB, SQL