ECE Graduate, Trainee Data Analyst

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Github Portfolio

RAMANA BANSAL

SKILLS

- MS Excel
- SQL (MySQL)
- Python (Pandas, Matplotlib)
- Data Visualization (Excel, Tableau)

- Statistical Knowledge
- C, C++, Java (Basics)
- Data Cleaning and Preparation
- Data Analysis and Interpretation

PROJECTS

RISK ANALYTICS FOR BANKING SERVICE

- Worked on **Google Colab** to perform Exploratory Data Analysis **(EDA)** on previous loan application data to find trends and patterns related to loan defaulting.
- **Data cleaning** and processing of two loan application data sets with 3lac to 15lac rows and about **122 features**.
- Provided **Univariate, Bivariate** and **Segmented Univariate** Analysis and **Visualizations** using numpy and **matplotlib**.

CAR FEATURES AND PRICE-PROFITABILITY

- Used **MS Excel** to process, visualize and analyze data to determine relation of car price with respect to about 16 Features.
- Utilized **Pivot Tables, Conditional Formatting, Regression Analysis** and **Correlation** for accurate analysis.

IMDB MOVIE ANALYSIS FOR FREELANCE YOUTUBER

- Used **MS Excel** to clean and process IMDB data for about 5000 movies.
- Analyzed and Visualized data to gain insights regarding movies, actors, directors or topics that can generate traffic by implementing **Index-Match, vlookup** and **pivot tables**.

WORK EXPERIENCE

TRAINEE – Trainity, India   Mar 2023 – July 2023

- Learnt various Data Analysis techniques and tools like MS Excel, MySQL, Tableau, EDA, Data Cleaning etc. Demonstrated and built **5 data analysis projects** to explore and gain business insights across **diverse industries** such asOperation Analytics, Hiring Process Analytics, Movie Analysis, Automotive Industry, Banking and Financial Service.

FREELANCE WRITER – Self Employed   Dec 2019 - Present

- Proficient in **Research** and composition of content as per specific client requirements.
- Maintained the integrity of text and retained consistency in content quality with **plagiarism score below 10%**.

INTERN – HP Inc., Bangalore   Feb 2017 – July 2017

- Created an extensive **Python library** for **automation** of various HP Printer Test Cases, reducing test time by 70%.
- Worked closely with **Quality Assurance Team** to automate and validate test scripts.
- Role Based Access Control (RBAC) and Account Policy Testing.

CERTIFICATIONS

Internship in Clinical Psychology at Arya Hospital – Neuropsychiatry and Deaddiction Centre, Chandigarh   Sep 2022

EDUCATION

MASTER OF ARTS (PSYCHOLOGY) – IGNOU, New Delhi –Chandigarh Regional Centre   July 2023
Major: Clinical Psychology
Relevant Coursework: Statistics, Research Methodology, Research Project

BACHELOR IN ENGINEERING – Chitkara University – Punjab   July 2017
Major: Electronics and Communication Engineering   CGPA: 7.88