RIZWAN V Y

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Data Analyst | Business Analyst | linkedin/in/rizwan-vy | github/rizwan-vy | portfoliowebsite/rizwanvy

TECHNICAL SKILLS: Data Analysis | Business Analysis | Data Cleaning | Data Visualization | Data Engineering | Presentation | Big Data Technologies | Business Intelligence | Database Management | Dashboard Creation | Documentation | Research

TOOLS & TECHNOLOGIES: Microsoft Excel | SQL – MySQL | Python | Microsoft Power BI | Hadoop | Hive | Spark | Django | Web Scraping | Amazon Web Service – AWS | Linux | Git and Github | Html | CSS | Microsoft Word | Microsoft PowerPoint

SOFT SKILLS: Adaptability | Quick Learner | Communication | Team Player | Continuous Learning | Attention to Detail | Problem Solving | Dedication | Time Management

EXPERIENCE

GOFREELAB TECHNOLOGY   Ernakulam | Kerala

INTERNSHIP   August 2023 - March 2024

- Collaborated with a team to develop an **Online Exam Proctoring Web Application** using **Django**.
- Conducted client meetings, **gathered requirements**, and **documented** specifications.
- Developed real-time webcam video and audio fetching functionality using **Python**, **WebRTC**, and **Streamlit**.
- Deployed the solution on Cloud **Amazon Web service AWS EC2** for public access.

PROJECTS ⬈

EMPLOYEE DATA ANALYTICS AND VISUALIZATION USING PYTHON AND POWER BI

- Conducted in-depth analysis of HR data/Employee data to extract actionable insight.
- Utilized **Python** and **Python libraries** such as **Pandas**, **Matplotlib** and **Seaborn** for **data cleaning** and **processing** and to create informative visualizations.
- Transformed project results into an interactive **Power BI dashboard**.

SENTIMENT ANALYSIS OF TWEETS USING PYTHON

- Analysed **public sentiment** on **Twitter** regarding specific keywords through **sentiment analysis**.
- Developed a **Python** scripts leveraging **Tweepy** for **data extraction** and Twitter API authentication to retrieve tweets based on user defined keywords.
- Utilized **Text Blob** library for sentiment analysis, categorizing tweets into Positive, Negative and Neutral based on polarity scores and **visualized** results with informative bar charts and Word clouds.

DATA ENGINEERING AND ANALYSIS USING BIG DATA TECHNOLOGIES

- Developed and implemented a **data pipeline** for **Extracting**, **Transforming** and **Loading** - **ETL** sales data, leveraging Big data technologies such as **Hadoop** - **HDFS**, **Hive** and **Spark** with **Spark SQL**.
- **Automated** the entire **ETL** process using **Apache Airflow**. - Created an interactive sales **dashboard** in **Power BI**.

VIRTUAL INTERNSHIP

BRITISH AIRWAYS VIRTUAL EXPERIENCE PROGRAM

- Conducted **data extraction** using **web scraping** techniques and analysed the data using **Python** to gain insights into British Airways.
- Created **presentation** using **PowerPoint** to present insights garnered from the analysis to stakeholders.

RESEARCH STUDY

CONDUCTED A RESEARCH STUDY AND USE MICROSOFT EXCEL FOR ANALYSIS AND VISUALIZATION.

- Research Study on **Customer's Preference and Awareness Towards the Recent Modes of Payments in Online Shopping**.
- A survey was conducted to **gather data**, **MS Excel** was utilized to perform **data analysis** using **Pivot tables** and **charts**.
- Developed a visually appealing **dashboard** within **Excel** to present the analysed data.

EDUCATION

DIPLOMA IN BIG DATA ANALYTICS | NACTET | Expertzlab Technology   Ernakulam, Kerala | August 2022 - May 2023

BACHELOR OF BUSINESS ADMINISTRATION | UNIVERSITY OF CALICUT   2018 - 2021

Human Resource Management | Nirmala College of Arts and Science   Chalakudy| Kerala

COURSEWORK & CERTIFICATIONS ⬈

Data Analytics Essentials CISCO | Applied Data Science with Python IBM | Certification in Advanced Excel – G Tec
Career Essentials in Business Analysis Microsoft and LinkedIn