Data Analyst

SAMEEULLAH SOOMRO

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Skills

- SQL (MySQL: Indexing, Subqueries, CTEs, Views, Advance SQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power Bi

Education

MASTER OF ENGINEERING (CS) – Harbin Engineering University – Harbin, China   Dec 2020
Majors: Computer Vision and Deep Learning

BACHELOR OF ENGINEERING (COMPUTER SYSTEMS) – Mehran UET – Jamshoro, Sindh Pakistan   Dec 2016
Majors: Computer Vision and Machine Learning

Work Experience

RESEARCH ASSITANT – Harbin Engineering University – Harbin, China   September 2018 - December 2020

- Conducted Research in the field of Computer Vision specifically in the field of Deep Learning
- Generated three process reports weekly for research projects

LECTURER IN COMP. SCIENCE – College Education Department – Sindh, Pakistan   August 2023 - Present

- Deliver engaging lectures and practical sessions on core Computer Science and Data Analysis subjects.
- Guide students and professionals in data cleaning, manipulation, validation, transformation, and visualization.
- Strong communicator with a knack for simplifying complex data concepts for diverse audiences.
- Collaborate with academic peers and industry professionals to stay current with evolving data trends and tools.

Projects

DEVELOPED E-COMMERCE SALES DASHBOARD IN POWER BI – Personal Project **–** Sindh, Pakistan   April 2025

- Created a dashboard with **Power Bi** to help client compare between different employee benefit packages
- Transformed and processed client's data by using DAX and Excel to ensure data completeness and validity

DATA CLEANING & EXPLORATION IN SQL – Personal Project **–** Philadelphia, PA   February 2025

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process

DATA EXPLORATORY ANALYSIS IN PYTHON – Personal Project **–** Philadelphia, PA   December 2024

- Performed **web scraping** using libraries like BeautifulSoup and Requests to collect real-world data from online sources.
- Cleaned and preprocessed raw data using **Pandas** and **NumPy**, handling missing values, duplicates, and inconsistent formats.
- Visualized data using **Matplotlib** and **Seaborn** to generate clear, insightful graphs and statistical plots.
- Gained hands-on experience in turning raw data into meaningful insights to support data-driven decision-making.

CLEFT FACIAL AESTHETIC OUTCOME EVALUATION BASED ON DEEP TRANSFER LEARNING – Harbin Engineering University **–** Harbin, China   December 2020

- Designed and implemented a deep transfer learning model to evaluate aesthetic outcomes in cleft facial images.
- Fine-tuned deep learning models using TensorFlow/Keras for accurate aesthetic scoring.
- Conducted performance analysis using metrics such as accuracy, precision, recall, and confusion matrix.