



Technical Skills

Programming Languages: Python, SQL
Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, XGBoost, NLTK, Streamlit, Git
Tools: Microsoft Excel, PowerBI, Tableau, MySQL, VSCode, Jupyter Notebook, GitHub, ChatGPT, Claude, MS Office(Word, PowerPoint, Outlook), Google Suite(Sheets, Docs, Slides, Drive, Colab) Atlassian Jira, Loom
Skills: Conditional Formatting, Data Exploration, Data Cleaning, Data Wrangling, Data Manipulation, Macros, Pivot Tables, Power Query, DAX, Dashboards, LOD, Written Communication, Verbal Communication, Data-Driven Storytelling, Data Analysis, Data Visualization, Excel Shortcuts, Feature Engineering, Prompt Engineering, Time Management, Problem Solving, Teamwork, Communication Skills, Presentation Skills, Attention to detail, Data Annotation, Data Labeling, Large Language Models (LLMs)

Experience

Business Analyst Oct 2024 – Present
Turing Enterprises Palo Alto, California, USA (Remote)
• Applied Supervised Fine-Tuning (SFT), Direct Preference Optimization (DPO), and Reinforcement Learning from Human Feedback (RLHF) techniques to improve the accuracy of large language models, ensure alignment with user preferences, and adhere to safety and ethical guidelines.
• Accurately annotated and labeled large datasets using internal tools to support the training and fine-tuning of next-generation LLMs.
• Ensured high standards of data accuracy, consistency, and integrity through rigorous quality control processes and validation techniques.
• Adhered to industry standards and best practices in data handling and annotation, ensuring compliance with data privacy and security.

Content Designer Oct 2021 – Apr 2022
Abwaab(EdTech Startup) Lahore, Pakistan
• Worked cross-functionally through JIRA with educators and designers to ensure consistency and alignment with project objectives.
• Authored and refined educational content including Q&A materials, notes, and text bullet points for videos, ensuring clarity and accuracy for learning objectives and alignment with program outcomes and project outcomes.
• Collaborated with subject experts and educators to write content scripts for engaging, accurate, and attractive animations.
• Conducted extensive research to validate content, breaking down complex subject matter into concise, accessible formats for students.

Projects

1. Automotive Fuel Efficiency Prediction and Analysis Jun 2024
Machine Learning Project & Web Application Python, NumPy, Pandas, Matplotlib, Scikit-Learn, Streamlit
• Built multiple ML models to predict vehicle fuel consumption, leveraging feature engineering and regression techniques.
• Deployed the most accurate model via a Streamlit app with interactive UI elements, enabling real-time predictions. [View Web App](#)
• Conducted comprehensive EDA(Exploratory Data Analysis) and visualizations, documenting the entire process in a detailed Jupyter Notebook.

2. Interactive Tableau Dashboard - British Airways Review Data Aug 2024
Tableau Dashboard Level of Detail(LOD) Expressions, Filters, Sliders
• Developed an interactive Tableau dashboard to analyze British Airways customer reviews, providing insights into customer satisfaction.
• Leveraged data visualization techniques to uncover insights related to customer sentiment, service performance, and satisfaction trends.
• Utilized LOD expressions to compute complex aggregations, enabling precise review analysis by category (e.g., service, comfort, food)
• Enabled users to explore and interact with key metrics through intuitive filters and sliders for enhanced data-driven decision-making.
• Published on Tableau Public: [View Dashboard](#)

3. JPMorgan Chase & Co. Excel Skills Job Simulation Sep 2024
Forge Virtual Job Simulations Excel, Pivot Tables, Power Query, Macros
• Acquired proficient command of Excel functionalities and data analysis techniques, including data cleansing, data manipulation using Pivot Tables & Power Query, and conditional formatting techniques
• Acquired proficiency in automation by learning to record macros and script in Visual Basic for Applications (VBA), developing two functional macros integrated with buttons using account sales data.
• Gained expertise in data visualization and storytelling using Excel and PowerPoint by creating impactful charts and interactive dashboards.

Education

Certification in Data Science and Artificial Intelligence(AI) Lahore, Pakistan
Boston Institute of Analytics(BIA)

Bachelor of Science(B.S.) in Mechanical Engineering Lahore, Pakistan
University of Management and Technology(UMT) CGPA: 3.5

O/A Levels (Cambridge International Examinations(CIE)) Jeddah, Saudi Arabia
SICAS/PISJES

Certificates

JPMorgan Chase & Co. Excel Skills Job Simulation Sep 2024
Forge

Certification in Data Science Lahore, Pakistan
Boston Institute of Analytics Jan 2024 – Aug 2024

Certification in Artificial Intelligence(AI) Lahore, Pakistan
Boston Institute of Analytics Jan 2024 – Aug 2024