Kishan Shetty

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Summary

As a data and business analysis professional, I possess strong technical skills in manipulating and analysing large datasets using tools such as Python, SQL Databases, Excel, and Tableau. I am a skilled problem-solver with an analytical mindset and a strong attention to detail. With excellent communication skills, I can convey complex data insights to both technical and non-technical stakeholders, and I work well independently or as part of a team. My ability to use data to inform business decisions and optimize performance makes me a valuable asset to any organization.

Education

University of Bristol, Bristol, UK   **September 2021- December 2022**
Master of Science in Data Science
- Upper Second-Class Honours 2:1 (Merit)
- Bristol PLUS Award

The Oxford College of Engineering, Bangalore, India   **August 2016- November 2020**
Bachelor of Engineering in Computer Science
- First Class with Distinction
- Institution Topper Award

Professional Experience

Data Science Consultant   **January 2022- April 2022**
Lloyd's Banking Group, Bristol, UK

Worked on a data science consulting project in collaboration with the University of Bristol as a part of coursework.
- Led team to meet deadline, manage expectations, and delegate tasks while tracking progress and communicating with stakeholders to perform efficient data and statistical analysis.
- Pre-processed 10GB finance and banking data to identify potential areas for improvement: customer retention and attraction. Provisioned Jira to manage the tasks and track deadlines and coped up with requirement analysis while following agile methodologies to attain process improvement.
- Implemented fraud detection, customer segmentation, and sector analysis through data visualisation with over 90% accuracy. Provided 7 innovative ideas to improve business and responded to 15-20 data-related queries and requests from internal and external stakeholders.

Technical Engineer   **December 2020- July 2021**
HP Inc, Bangalore, India
- Aided smooth, timely, quality project delivery through effective collaboration with stakeholders and clients. Utilised key technical knowledge to select and source cost-efficient solutions across small and large-scale projects.
- Managed to handle over 300 clients every month while maintaining a satisfaction rate of over 85% throughout. Demonstrated outstanding problem-solving and critical thinking abilities, aiding positive evolution across technical development projects.
- Responded quickly to technical issues, resolving and assessing root causes to eliminate further problems. Communicated complicated technical information clearly and concisely, aiding staff and customer comprehension.

Technical Expertise

• Python	• Tableau	• Power BI	• MS Excel	• MS Power Point	•SQL

Academic Projects

Machine Learning in Airlines Sector   **January 2023**
https://github.com/kishan-sh/British-Airways-Data-Science-Project-Forage
- The project involves analysing customer data to provide insights and improve business outcomes.
- The project involved two main tasks - Customer Sentiment Analysis and Customer Buying Behaviour Prediction. Applied web scraping techniques to gather unstructured data and analysed customer reviews using sentimental analysis to categorise them as positive or negative.
- Created a classification model to predict customer buying behaviour and achieved more than 90% accuracy in both tasks.

- Prepared a PowerPoint presentation highlighting the insights and analysis of the customer buying behaviour prediction model, helping the airlines take customer feedback into account and improve the business while boosting sales.

Visual Analytics of Telecom Company using Microsoft Power BI **December 2022**
https://github.com/kishan-sh/PwC-PowerBI-Data-Analytics-Project
- The goal is to develop a Power BI dashboard showcasing KPIs and metrics from a given dataset, with a separate dashboard for customer retention.
- To better understand the data, move from reactive to proactive, and have a clear visual representation of customer insights for management.
- Successfully implemented dashboards highlighting key graphs and showing performance metrics.
- The telecom company was able to improve customer analysis, understand why customers leave, and improve management's ability to make proactive decisions based on clear visual representations of customer insights.

Alzheimer's Progress Detection using CNN **September 2022**
https://github.com/kishan-sh/MSC-DS-Project-on-AD-Detection-
- As part of my MSc dissertation worked on using CNN to better analyse MRI scans of the brain to identify the different stages of Alzheimer's using the data from ADNI.
- Implemented 2 different types of classification on the data: nominal and ordinal. Performed data cleaning and image augmentation and used 2 different types of CNN to achieve the goals.
- Achieved a ranked classification as part of ordinal classification, which predicted the percent of a scan being in a particular stage.

Visual Analytics of Bio-demographics using Tableau **May 2022**
https://public.tableau.com/app/profile/kishan.shetty/viz/ze21744/Dashboard1?publish=yes
- Constructed a dashboard using Tableau for visualising 2011 UK Census data and exploring health dependency on socio-economic factors.
- Identified useful insights across UK regions and successfully implemented 3 interactive dashboards with data projections.
- Utilised Tableau tools and techniques to design visually appealing and informative dashboards. Highlighted key information about various factors related to health and socio-economic conditions across the UK.

Certifications and Publications

• Python   • Data Science   • Data Analytics   • MS Excel   • SQL   • AWS Foundations

• Transactional Data Analysis using Machine Learning in the Banking Sector -International Journal of Scientific & Engineering Research (IJSER) **February 2023**