Kishan Shetty

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EXPERIENCE

DATA SCIENCE CONSULTANT, Bristol

Lloyd's Banking Group, January 2022-April 2022

- Collaborated on a data science consulting project with the University of Bristol as a part of coursework
- Pre-processing, tracking, and analyzing data trends to identify potential areas for improvement and growth
- Data visualization to implement 3 major functionalities: fraud detection, customer segmentation and sector analysis
- Responded to data-related queries and requests from internal and external stakeholders, providing 7 innovative ideas to improve business.

TECHNICAL ENGINEER, Bangalore

HP Inc, December 2020-July 2021

- Functioned as the first point of contact for clients from 9 countries experiencing complex software issues, escalating calls as necessary to ensure a speedy resolution
- Managed to manage over 300 clients every month while maintaining a satisfaction rate over 85% throughout
- Developed skills like objection handling and being a part of the team.

RESEARCH ASSOCIATE, Bangalore

IEEE Photonics Society, June 2019-January 2020

- Expertise in the domain of Quantum Dots and Computation with firsthand experience using the software QCA Designer
- Designed and revamped QCA designs to build better digital electronic circuits with 40% less cells and 36% better efficiency.

EDUCATION

MSC IN DATA SCIENCE, Bristol

University of Bristol, December 2022

B.E IN COMPUTER SCIENCE, Bangalore

The Oxford College of Engineering, October 2020

SKILLS

Python | SQL | Tableau | Research and Publication | MS Excel

CERTIFICATIONS AND AWARDS

Data Science, Python, Data Analytics

Bristol PLUS Award

PROJECTS

Alzheimer's Progress Detection using CNN

• As a part of my MSc dissertation, I have implemented CNN to better analyze MRI scans of the brain to identify the stages of Alzheimer's using the data from ADNI.
• An implementation of 2 major types of classification on the data: nominal and ordinal.
• Additionally, performing data cleaning and augmentation of the images in order to implement 2 distinct types of CNN to achieve the goals.
• As a part of ordinal classification, achieving a ranked classification which predicted the percent of a scan being in a particular stage was also done.

Visual Analytics of Bio-demographics

• Provisioned Tableau to construct 3 interactive dashboards which could visualize the 2011 UK Census Data and explored how health is dependent of socio-economic factors and identified useful insights across the regions of the UK.

Connected Buses and Smart Bus Shelters

• Under the domain of IoT and ML, goal was to reduce the density of the bus shelters and buses down to a maximum of 60%.
• Built a prototype by using Raspberry Pi, Arduino Uno, PIR sensors, and Motion Sensors and resourcing regression algorithms.
• After successful testing and attaining an accuracy of 90% we further created a website and mobile application for commuters to check density in advance before planning the trip.