BHANU KIRAN CHOLLETI

Phone +91 9676167524 **LinkedIn** https://www.linkedin.com/in/bhanu-kiran-cholleti-3bb842194
Email kcbhanu1996@gmail.com

Professional Summary:

➢ Detail-oriented and highly motivated professional with over two years of experience in data mining and analysis, business statics, time management, reporting and documentation, and process improvement. Proven track record in interpreting / assessing data and converting into resourceful information for improving business efficiency. Possessing an extensive analytical mindset with very strong attention to detail and a significant ability to think creatively and insightfully about business problems. Excel at building and executing databases, data collection systems, data analytics, and other strategies to optimize statistical efficiency and quality. Skilled at filtering and cleaning data by revising computer reports, printouts, and KPIs to trace and resolve issues. Known for slashing costs and developing professional relationships at all levels.

➢ Managed software project life cycle (requirement analysis, Functional/Design Specifications, HLD, LLD & Test plans designing).

Technical Skills:

Core Skills
• C, C#, JAVA, SQL, RDBMS,JAVA SCRIPT, JQUERY,PYTHON, Machine learning, Deep learning
Web development
• RESTFUL SERVICES (Web API 2, WCF), XML/SOAP Web Services.
Modelling/Statistical Analysis
• Regression analysis, Classification, Hypothesis Testing Data Mining, Relational data modelling.
Front End Skills
• HTML, CSS, JavaScript, Ajax, jQuery, Angular JS.
Testing
• Blackbox testing, white box testing, Unit testing
Database/ DBMS
• Ms SQL, SQL, RDBMS
Development methodologies, related tools
• Agile, Scrum (Sprint Development Cycle).

Certification:
Microsoft Edu Cloud Program

Activated 3000 IT Accounts of university students to avoid illegal activations of MS office 2016.

Education:

Post-Graduation: **Advanced Computer Science** **Jan 2019 – Jul 2020**
University of Leicester - Leicester United Kingdom

Projects in post graduation:

R-Analysis on ACCIDENTS dataset of 2019 in UK and Happiness index Vs Terrorism |Data Analysis -Correlation model

Apr 2020 – Jun 2020

• Using the stats19 package extracted the data set from the UK govt website, pre-processed and cleaned the dataset and performed analysis on the dataset for required tasks.

• Through correlation analysis I identified what are the variables influencing other variables in the dataset, identified the insight variables that are contributing towards accidents also which are positively correlated and which are negatively co related and visualised my findings through correlation plot of positively and negatively correlated variables.

• Analysed and identified how happiness score of country is co related to terrorism, initially collected, and organized the datasets of happiness score of countries and terrorism and performed statistical analysis and predicted how terrorism affects happiness score of country through correlation analysis and reported my findings visually using co relation plot. The result that can be interpreted as terrorism makes people unhappy, if people are unhappy country is unhappy simultaneously happiness score of country goes down.

Scotland population Prediction| Data Science- Regression Model **Jan 2020 – Mar 2020**

• Collected and organized the dataset of Scotland population from (2001-2007) using statistical techniques analysed and identified the relationship between independent and dependent variables. Performed Linear regression model and reported my results on prediction of males and females' proportion in future with accuracy of 86%. • Utilized robust scaler for processing the data, features greater than 50% missing values are dropped as outliers.

• Performed Statistical testing such as hypothesis testing, ANOVA, single t-test, double t-test, correlation test also interpreted the results and acquired the desired outcome.

Climate Modelling| Mathematical Modelling-Recommendation System **Sept 2019 – Dec 2019**

• Identified the interconnection between important factors that drive the earth atmosphere through complex mathematical equations. The interconnection is between land, oceanic, Ice-covered regions, and the atmosphere reported my results by understanding that all these climate models use these equations to predict climate changes in future.

• Analysed the global climate, Earth system model of intermediate complexity climate model and energy balance models and interpreted the behaviour and results between these models. These models predict the future climatic conditions by simulating past and present climate changes.

• Reported my view of understanding on climate change from the very existence of earth to the present stage by projecting the reconstructed temperature plot that shows readings over the past 2000 years. By transforming collected data into information identified what are the factors influencing climate and resulting in the rise of Co2 in the atmosphere and presented measures to be undertaken to control the rise of Co2.

Malware Classifier | Data Science-Classification Model **Jun 2019 - Aug 2019**

• To provide a platform to Classify a potential malware to a category that defines the threat level and remedies required to clean malware.

• Pre-processed the Hexadecimal input file data which is 35 Gb in size and processed the data to Bag of words with 256 dimensions. Used Cross validation on 16% train data to overcome overfitting.

• Designed XG-Boost, Random Forest, KNN, Logistic Regression models and Developed full end application using XG-Boost algorithm resulting in 97% accuracy.

Bachelor of Technology: Information Technology **Oct 2013 – May 2017**

JNTU - Hyderabad, India

Projects in bachelors

• Fair routing for overlapped cooperative heterogeneous wireless sensor networks.
• Plagiarism detection for programming assignments

Work History:

Intern, Data Analyst viva IT ltd leicester united kingdom **Jul 2020 – Jun 2021**

Highlighted KPIs and developed KPI-dashboard through Tableau and SQL for showing results in reports. Detected features impacting product's productivity through analytics on customer's demands data.
Key Contributions:

➢ Maximised efficiency of facilities by 3%. Optimised quality of data for analysis through data pre-processing and data manipulation via python libraries

Wipro India Pvt Ltd., Hyderabad, India
Data Analyst **Jun 2017 – Dec 2018**

Attained patterns from project outcomes through associative mining by cooperating with senior managers. Established regression and classification models for data. Built ETL Pipeline for data migration from interactive database to AWS S3.
Key Contributions:

Elevated to Data Analyst Associate Engineer (PA) position for delivering excellent performance.
Slashed marketing and maintenance cost for the client by 8%.
Advised peak days and hours of the week and enhanced the client's business output by 15%

Activities:

• President, Association for Computing Machines, Student Chapter, 2016-2017
• Problem Solving and Decision Making.
• Ability to work in a challenging environment.
• Excellent verbal and written communication skills.
• Willingness to learn new technologies when needed.