Chushritha Bandaru *Data Scientist Trainee*

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Education

2018/07 – 2021/08	**BSc - Statistics Computer Science.**
Khammam (Urban), India	*Kakatiya University*

Skills

Python	SQL
Data Analysis	Statistical Modelling
EDA	Web Scrapping
Machine Learning	Data Visualization
Predictive Analysis	Excel

Certificates

- Certification Course in Data Analysis with python Programming.
- IBM Certification for Machine Learning with Python.
- NASSCOM Certificate in Python Fundamentals..
- Basic Course on SQL.

- Certificate Course in Data Science with Python Programming.
- ⬜ IBM Certificate in Python for Data Science. .
- . ⬜ NASSCOM Certificate Course on Data Science.
- Data Visualization Using Power BI

Professional Experience

2024/04 – 2024/05 Hyderabad, India	**Associate Research Analyst at Rajapushpa Pvt Ltd**

Daily Tracker on Political News
- Compiled daily tracking records political parties by scraping data, preparing research reports, and fostering team collaboration.
- Identified key voting blocs through comprehensive demographic analysis and analyzed public opinion trends using surveys and social media data to inform campaign strategies.
- Developed data-driven approaches to monitor competitor activity, conducted in-depth research to uncover critical insights, and created impactful data visualizations and research reports.

2024/01 – 2024/02 Hyderabad, India	**Data Analyst Intern at Innomatics Research Labs**

Doctors Consultation Analysis :
- leveraged data analysis skills to clean and preprocess a large doctor consultation dataset, ensuring data accuracy.
- Conducted exploratory data analysis to uncover key patterns and trends in patient behavior and healthcare practices.
- Collaborated with medical professionals to interpret data, providing deeper contextual understanding, and performed statistical analysis to evaluate the impact of consultation methods on patient satisfaction and health outcomes.

2023/08 – 2023/11 Hyderabad, India	**Machine learning Intern at TechnoHacks EduTech** **Hostel Review Sentiment Analysis** • Developed a high-accuracy sentiment analysis model using Random Forest and Logistic Regression, achieving over 97% precision and recall in classifying hotel reviews. • Implemented topic modeling to extract key themes and areas of concern from customer feedback, providing actionable insights for stakeholders. • Created an intuitive user interface for visualizing sentiment trends, facilitating data-driven decision-making while ensuring data privacy and scalability. **Demonstrated expertise in machine learning by tackling real estate and healthcare.** • Increased house price prediction accuracy through a meticulously cleaned and preprocessed dataset for a TensorFlow Decision Forest model. • Identified key factors influencing house prices by analyzing feature importance. • Delivered actionable insights to stakeholders, empowering data-driven decision-making in the housing market. • Enhanced heart disease prediction by exploring and analyzing a complex dataset to select the most relevant variables.
2023/04 – 2023/06 Hyderabad, India	**Data Science Intern at Innodatatics Pvt.Ltd** **Unplanned Machine down time.** • Collaborated with clients to identify and understand challenges related to unplanned machine downtime, ensuring alignment on project objectives and requirements. • Conducted comprehensive preprocessing of machine downtime data, enhancing its quality and relevance to support effective machine learning model development. • Played a key role in developing a predictive machine learning model aimed at forecasting and preventing unplanned machine downtime, contributing to improved operational efficiency.

Languages

• English
• Hindi
• Telugu