SOMISETTY LAKSHMI SRAVYA

Data Scientist | Software Engineer

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# Summary

Experienced in Python, C, SQL, and data analysis tools as an aspiring Data Scientist and Software Engineer. Demonstrated proficiency in developing predictive models and visualizing insights, with successful project management in data science, including the Breast Cancer Classification project.

# Education

Bachelor of Technology in Computer Science and Engineering June 2020 – August 2024 Geethanjali Institute of Science and Technology CGPA – 8.0

Board of Intermediate Education June 2018 – March 2020

Narayana Junior College CGPA – 9.42

# Technical Skills

* **Programming Languages:** Python, C
* **Data Analysis and Visualization Tools:** Data Analytics, Power BI
* **Database Management:** SQL
* **Operating System:** Windows

# Internships

## Cognifyz February 2024 – March 2024

Power BI Intern

* Engineered interactive dashboards in Power BI by leveraging drag-and-drop functionalities to enhance data visualization capabilities, increase in user engagement metrics.
* Consolidated and integrated data from diverse sources, including CSV files and SQL databases, to produce comprehensive reports, improving data accuracy by 10% and reducing reporting time.
* Implemented advanced data modelling techniques to establish robust relationships between datasets, facilitating more accurate and insightful reporting outputs, leading to improvement in data accessibility.
* Collaborated with cross-functional teams to identify key business and translate them into actionable insights through Power BI visualizations, increase in data-driven decision-making efficiency.

## CodSoft October 2023 – November 2023

Data science intern

* Applied advanced data wrangling techniques to cleanse and preprocess raw datasets, enhancing data quality by and reducing preprocessing time.
* Leveraged diverse machine learning algorithms, including regression and classification models, to develop predictive models with an accuracy improvement of 15% over baseline benchmarks.
* Conducted statistical analysis on processed data to uncover trends and patterns, providing actionable insights that contributed to increase in operational efficiency.
* Designed and created visually compelling data visualizations using tools like Matplotlib and Tableau, effectively communicating complex findings to stakeholders and enabling data-driven decision-making.

# Projects

## Breast Cancer Classification January 20XX – February 20XX

* Acquired dataset from Kaggle, conducting thorough data cleaning and preprocessing to ensure high data integrity and quality.
* Implemented various machine learning algorithms such as SVM, Random Forest, and Logistic Regression to train and optimize the model.
* Evaluated and compared the performance of different algorithms based on metrics like precision, recall, and F1- score, selecting the most accurate model for deployment.
* Developed a robust pipeline for future scalability, enabling seamless integration of new data and ensuring consistent model performance over time.

# Certifications & Achievements

* Certified in Data Analytics by Consensus Academy.
* Achieved proficiency in C Programming through Simplilearn.