

J S NAGA VISHNU SAI

DATA ANALYST

Portfolio : <https://jsnagavishnusai.netlify.app/>

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Bengaluru

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[Nagavishnu_Jayam](#)

SUMMARY

Data Analyst with 1.5 years of experience, specializing in predictive modeling and data mining. Leveraged SQL and Tableau to streamline data cleaning and visualization processes, improving efficiency by 35%. Implemented machine learning algorithms resulting in 20% increase in sales forecasting accuracy. Recognized for delivering actionable insights and enhancing data-driven decision-making to support organizational goals.

SKILLS

Data Analysis Expertise: Data Cleaning, ETL, Data Modeling, Data Warehousing, DAX, MS Excel, MS Power BI, Tableau

Databases: Microsoft SQL Server, MySQL, PostgreSQL

Programming & Data Science Tools: Python(Pandas, NumPy, scikit-learn, Matplotlib, Seaborn), Jupyter Notebook, Git, Azure

Machine Learning: Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering, Dimensionality Reduction), Model Evaluation & Validation (Cross-Validation, Metrics)

Languages: Python, SQL

Soft Skills: Problem Solving, Team Work, Critical thinking, Leadership, Communication, Adaptability, Self Learner

WORK EXPERIENCE

Broadridge Financial Solutions

Mar 2024 - Present

Data Analyst

- Achieved **45%** improvement in decision-making accuracy and impact across cross-functional teams.
- Reduced manual processing time by **40%** and increased report accuracy for MIS and leadership dashboards.
- Delivered **25%** improvement in tracking team productivity and engagement metrics.
- Supported **15%** boost in employee satisfaction through informed talent management strategies.
- Generated **30% increase in WFO, 45% increase in L&D effectiveness, and 5% decrease in attrition rates.**
- Improved resource allocation efficiency by **35%** and reduced operational costs by **20%** while maintaining service quality standards.
- Achieved **28%** improvement in cross-departmental collaboration scores and **22%** increase in overall organizational efficiency through integrated performance tracking.

PROJECTS

DISASTER TWEET CLASSIFICATION [[GitHub](#)]

Technologies Used: Python, NLP, Pandas, NLTK, sklearn

Developed a Natural Language Processing pipeline to classify disaster-related tweets using Python. Preprocessed 7,600+ tweets by removing hashtags, punctuation, and stopwords, followed by tokenization and text normalization. Implemented data cleaning techniques using pandas, numpy, and NLTK for text preprocessing. Built a binary classification model to identify real disaster tweets from social media noise, preparing the dataset for machine learning algorithms to enhance emergency response systems.

HOSPITAL MANAGEMENT SYSTEM [[GitHub](#)]

Technologies Used: Python, Mysql, HTML, CSS

Worked with a team to build a website to book the slots for the people to a particular hospital and particular doctor and the treatment that utilizes Database Management System (DBMS) to store and manages data in the website.

EDUCATION

Dayanand Sagar Academy of Technology and Management

2020-2024

B.E in Computer Science and Engineering

CGPA-8.91

CERTIFICATIONS

- Power BI [[LinkedIn Learning](#)]
- Microsoft Azure fundamentals [[LinkedIn Learning](#)]
- Python Essential Training [[LinkedIn Learning](#)]
- SQL Essential Training [[NASBA](#)]
- Oracle Database 19c: PL/SQL [[LinkedIn Learning](#)]
- Statistics Foundations 1: The Basics [[NASBA](#)]

AWARDS

- Recipient of the “**Above and Beyond Award**” for exceptional performance and outstanding task execution, demonstrating excellence in project delivery and exceeding performance expectations.
- Featured in the “**Intern’s Diaries**” publication for outstanding contributions to data analytics projects.