BHUVAN CARIAPPA BD

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KEY SKILLS

- Python for Data Science
- SQL
- Data Analytics
- Data Visualization
- Deep Learning and Gen AI
- Microsoft Azure
- Google Cloud (Cloud Computing)

ACADEMIC INTEREST

Actively developing knowledge in Data Science, AI, and Deep Learning with a focus on practical problem-solving. Building skills in data workflows, statistical modelling, SQL, and basic data engineering concepts like Azure. Continuously learning to strengthen my foundation.

LANGUAGES

- English
- Kannada
- Hindi

INTERNSHIP

No formal internship experience, but currently enhancing knowledge through hands-on projects and coursework in Data Science, AIML and Data visualization at IVY Pro School Institute. Currently learning Data Analytical tools and Advance Excel.

SUMMARY

Passionate and dedicated Data Science student with a strong interest in machine learning, statistical analysis, and extracting meaningful insights from data. Skilled in Python, SQL, and core data science concepts such as data preprocessing, model building, and visualization. Actively learning and exploring new techniques to solve real-world problems and strengthen my analytical approach. Seeking an opportunity to apply my skills and grow through an internship or entry-level data science role, with experience in tools like Excel and Power BI.

EDUCATION

Poorna Prajna PU, Bengaluru (PCMB)   2019-2021
Presidency University, Bengaluru (B. Tech)   2021-2025

PROJECTS

- **Cloud storage using Raspberry Pi -** Created a personal cloud storage system using Raspberry Pi to enable secure file sharing and remote access. Designed it as a low-cost, customizable alternative to traditional cloud services.
- **RADAR system using Arduino and Ultra-sonic sensor -** Built a small RADAR system using Arduino and an ultrasonic sensor to detect objects within a set range. Implemented real-time distance measurement and angle-based object detection.
- **Sentiment Analysis using DistilBERT -** Built a sentiment analysis model with text preprocessing and model fine-tuning. Applied NLP and data science techniques to classify sentiment and evaluate performance using accuracy.
- **Inspection of Packed Cases -** Applied Deep Learning, Machine Learning, and Data Analytics techniques to automate the inspection of packed cases. Improved detection accuracy and reduced manual checking through model-driven analysis.
- **Smart Task Planner with Behavior Patterns -** A system that studies a user's daily habits, work duration, and completion patterns to automatically generate optimized task plans. Uses ML to predict the best time slots for each task based on past performance.

CERTIFICATIONS

- Data Processing and Visualization in MathWorks
- Data Science for Python by SimpliLearn
- Machine Learning by SimpliLearn
- Google Cloud Skills Boost course in Generative AI
- Ansible Essentials for Network Engineers by Nvidia
- Advanced Excel using AI by Tutedude (Ongoing)
- Microsoft Azure Data Fundamentals By Udemy
- Introduction to Microsoft Azure by Microsoft.

HOBBIES

- Chess
- Solving analytical puzzles
- Exploring about space
- Reading articles on Cosmology and Time travel
- Football
- Badminton

SKILLS AND KNOWLEDGE

- Python for Data Science – Skilled in using Python for data cleaning, analysis, visualization, and implementing basic ML workflows.
- SQL Proficiency – Able to write queries for data extraction, filtering, joins, aggregations, and supporting analytical tasks.
- Data Analysis Techniques – Strong knowledge of handling structured datasets, performing exploratory analysis, identifying trends, and generating insights.
- Data Science Foundations – Good understanding of statistical concepts, machine learning basics, and the overall data science workflow.
- Power BI & Advanced Excel – Experienced in dashboards, data visualization, reports, and analytical functions.
- Basic Cloud Knowledge (Azure) – Familiar with Azure fundamentals and core concepts related to cloud-based data handling.
- Learning Snowflake – Currently building foundational understanding of Snowflake as a cloud data warehouse platform.
- Data Handling & Processing – Comfortable working with real-world datasets, cleaning them, transforming them, and preparing them for analysis.
- Communication & Collaboration – Able to explain findings clearly and work effectively in academic or project-based environments.