Thejaswini k Lamani

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EDUCATION

- **Dayananda Sagar Academy of Technology and Management, Bangalore**
  MCA (Master of Computer Applications), 2023**.**   **Nov 2021 – Oct 2023**
  Coursework: Data Structure and Algorithms, Data Analytics, Python, Java, SQL
- **KLE RLS BCA College, Belgaum**
  BCA (Bachelor of Computer Application), 2021**.**   **Jun 2018 – Oct 2021**
  Coursework: Python, Data Structure, Operating System, DBMS, HTML, CSS, JavaScript, Bootstrap

PROJECTS

Tomato Leaf Disease Detection, | Deep Learning, Python, Flask   **GitHub**
- Built a **Deep learning** model using **TensorFlow** and **CNNs** to accurately classify the health of **tomato plants**, covering **6 different diseases** with a dataset of over **6,000** labeled images.
- Achieved **92%** accuracy using a pre-trained **Dense Net**, while **custom models** achieved accuracy rates between **90%** and **97%,** depending on the disease.
- Created an interactive web platform using **Flask** that facilitated **real-time user interactions**, enhancing user engagement and communication.

Video Game Sales Data Analysis |Advanced Excel, SQL   **GitHub**
- Conducted **Data analysis** on video game sales, highlighting **top-selling genres and Nintendo's dominance** in the **market** after **2000.**
- Conducted in-depth data analyses on regional video game sales using **SQL,** identifying key trends that drove increased engagement within gaming communities across five different markets**.**

Amazon Return Data Analysis | Advanced Excel, SQL   **GitHub**
- Leveraged **Advanced Excel** to examine **annual return trends** and assess **key performance indicators.**
- Total order returns accounted for 29,645**, highlighting significant areas for improvement.**
- Utilized data visualization to create effective strategies for decreasing return rates and increasing customer satisfaction.

Bank Customer Churn | PowerBI   **GitHub**
- Analyzed the Maven Analytics Bank Churn dataset with **10,000 customers**, focusing on **account information**, **credit scores, product usage,** and **churn behaviour** to identify key trends.

SKILLS

- Data Science: Machine Learning, Deep Learning (TensorFlow), NumPy, Pandas, Matplotlib,
- Cloud Technologies: Microsoft Azure (Data Factory, Databricks, Data Lake Gen2)
- Data Analysis: Advanced Excel, PowerBI
- Database: SQL, PostgreSQL, MongoDB
- Programming Languages: Java, Python, R
- Frameworks: Flask
- Developer Tools: VS Code, Git, Eclipse, Postman

WORK EXPERIENCE

Robotics and Coding Teacher, Playto Labs, Bangalore   **Sept 2023 - Present –**
- Conducted 200+ classes teaching robotics and basic coding.
- Guided students in designing robots from scratch, fostering their creativity and skills.

Web Developer Intern, AI Master's World, Bangalore   **Oct 2023 – Apr 2024**
- Built a user-friendly billing application using the **MERN stack.**
- Enabled small businesses to create invoices quickly, reducing generation time by 50% and improving efficiency and revenue

CERTIFICATIONS

- Achieved **SQL Intermediate Certification** from **Hacker Rank**.
- Earned **SQL Internship Certificate** from **Ivy Professional School.**
- **Data Science and Visualization** from **Ivy Professional School**