

AKANKSHA RAMANE

Profile

Highly skilled and results-oriented Data Science and data analyst trainee. Proficient in a wide range of data analysis tools and programming languages, including Python, SQL, ML. Adept at translating complex data into actionable recommendations and communicating findings to both technical and non-technical audiences. Looking to leverage my expertise to drive data-driven decision-making and deliver measurable value in a dynamic team or organization.

Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Machine learning (Web Scrapping, Ada Boost, XG Boost, scikit-learn)
- Networking (Router configuration)
- Big data technologies
- Data Visualisation

Projects

WEB SCRAPPING (2023-2024 LA LIGA STATS) – 2023

- The project aims to gather and analyze statistical data for the La Liga football league for the 2023-2024 season.
- This data will be extracted from various websites using web scraping techniques and analyzed using Jupyter Notebook.
- Libraries: Utilize Python libraries such as BeautifulSoup and requests for web scraping.
- Data to Scrape: Extract data such as team standings, player statistics, fixture information, and more.
- Demonstrates proficiency in web scraping, data analysis, and data visualization using Jupyter Notebook.

IPL SCORE PREDICTION USING DEEP LEARNING – 2023

- We humans can't easily identify patterns from huge data and thus here, machine learning and deep learning comes into play. It learns how the players and teams have performed against the opposite team previously and trains the model accordingly.
- for the smooth running of the project we've used few libraries like NumPy, Pandas, Scikit-learn, TensorFlow, and Matplotlib.
- Tools used: Jupyter Notebook / Google colab, Visual Studio

SOLAR POWERED VOICE CONTROLLED MULTIPURPOSE AGRICULTURE ROBOT USING IOT – 2022

- The main objective of the project is to develop a solar powered agricultural machine which can be easily controlled using IOT and speech recognition to perform day to day operations in the field.
- The prototype was designed to perform operations such as Cutting, Seed sowing, Spraying etc.

IP TRAFFIC MANAGEMENT USING ACCESS CONTROL LIST – 2022

- An Access Control List (ACL) is a set of rules or filters that specify which network traffic is allowed or denied based on various criteria, such as source and destination IP addresses, protocols, and port numbers.

Work Experience

DATA SCIENCE AND DATA ANALYST TRAINEE – ITVEDANT – BANGALORE

June 2023 - Present

- Conducted data analysis to derive actionable insights from large datasets.
- Built and maintained predictive models using machine learning algorithms.
- Collaborated with cross-functional teams to develop data-driven solutions.

- Created data visualizations and reports to communicate findings.
- Methodologies and Techniques: machine learning, statistical analysis, data mining.
- Tools and Technologies: SQL, Python, data visualization libraries, Jupyter notebook, Visual studio, MySQL Workbench

NETWORKING AND ROUTING CONFIGURATION –Belagavi institute of Technics and skills – Belagavi Sept 2022 - Oct 2022

- Configured and maintained routers, switches, and network devices to ensure optimal network performance.
- Designed and implemented network security protocols, including access control lists (ACLs) and firewalls.
- Managed and monitored network traffic, identifying and resolving connectivity issues, and optimizing bandwidth utilization.

Education

BACHELOR OF ENGINEERING – S G Balekundri Institute of Technology – Belagavi

March 2023

Stream: Electronics and Communication.

CGPA: 8.4

Tools

- Integrated Development Environments: Jupyter, VS Code
- Data Visualization Tools: Matplotlib, Seaborn, Tableau, Power BI
- Version Control: Git and GitHub