MANIKANDAN S

✉ s.manikandan2536@gmail.com

📞 +91 9994457393

📍 Kodihalli, Bangalore - 560008

in www.linkedin.com/in/
manikandan-s-469168200

○ https://github.com/Mani36Cse

EDUCATION

B.E in Computer science and Engineering

Kathir college of Engineering

(2019 - 2023)

SKILLS

- Python
- Machine Learning and types.
- Data Analysis: Exploratory Data Analysis (EDA), Data Preprocessing.
- Modeling & Evaluation: Cross-Validation, GridSearchCV, Dimensionality Reduction (PCA, LDA)
- Visualization Tools: Seaborn, Matplotlib, Tableau, Google Data Studio.
- Libraries & Frameworks: Scikit-learn, Pandas, NumPy

CERTIFICATION

- Google – Generative AI for Educators with Gemini .

PROFESSIONAL SUMMERY

I work in the Application Management team, using Python scripting and automation to streamline operations, reduce manual tasks, and improve platform reliability with AI tools like Watchdog. I'm building expertise in Machine Learning and Data Science, with experience in regression, classification, clustering, and EDA. My skills include data preprocessing, feature engineering, model tuning with Cross-Validation and GridSearchCV, dimensionality reduction and libraries like Scikit-learn, Pandas, and NumPy.

WORK EXPERIENCE

Notified   Feb 2024 – Present

Application Management Team

- Monitor infrastructure and ensure high availability in production environments using AI-driven monitoring tools like Watchdog..
- Manage servers and provide application support, including deployment and patching activities.
- Develop Python scripts and automation tools to streamline daily operations and reduce manual tasks.
- Analyzed data and visualized key metrics like MTTR and SLA to support operational improvements.
- Enhance platform reliability and system efficiency by leveraging AI-based monitoring tools like Watchdog.

PROJECTS

AI driven - Kidney disease prediction

Kidney disease prediction using lab report data in classification learning of ML.

Students placement data analysis

Analyze student academic data to explore what factors influence placement and salary.

Zomato Dataset Analysis using EDA

Leveraged data insights to identify market trends in restaurant pricing, customer ratings, and popular cuisines for strategic business decisions.

CORE COMPETENCIES

- Machine Learning: Supervised & Unsupervised Learning
- Regression Analysis
- Regression, Classification, Clustering Algorithms
- Dimensionality Reduction: PCA, LDA
- Data Preprocessing & Feature Selection
- Model Evaluation & Tuning: Cross-Validation, GridSearchCV
- Data Visualization: Matplotlib, Seaborn, Plotly
- Python Programming for Data Science
- Libraries & Tools: NumPy, Pandas, Scikit-learn
- Exploratory Data Analysis (EDA)

HOBBIES

- Taking online courses on Google, or YouTube.
- Creating visualizations to tell stories with data
- Boxing
- Travelling
- Watching Movies and web series