Karthick V

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EXPERIENCE

WORKSHOP | POWER BI INTERN
Dec 2024 | Virtual
- Attended one day workshop on Office Master.
- Developed data visualization and dashboards to track business metrics.
- Performed exploratory data analysis on large datasets to identify trends and outliers.
- Learned more visualization techniques to enhance the futuristic trends in the company.

INTERNSHIP | MS EXCEL INTERN
Dec 2024 – Jan 2025 | Virtual
- Analyzed customer requirements to design solutions that meet their needs while adhering to industry standards.
- Developed the dashboard by various visualizations using in MS Excel.
- Deep dive into Macros to automate a repetitive task while manually processing the user requirements.
- Worked in different excel formulas to automate a data preprocessing techniques.

COGNIBOT | MACHINE LEARNING INTERN
July 2024 – Sep 2024 | Virtual
- Performed exploratory analysis to identify patterns in datasets.
- Constructed supervised and unsupervised learning models using Python libraries like Scikit-Learn, Pandas, Numpy, Seaborn, Matplotlib.
- Researched new methods of machine learning to stay up-to-date with industry trends.

PROJECTS

CREDIT CARD FRAUD DETECTION | CodSoft
Mar 2025 | Sathyabama University,Chennai, India
- Developed and fine-tuned a logistic regression based machine learning model achieving an 87% accuracy rate in predicting credit card fraud.
- Minimized false positives by 16% through rigorous feature engineering and hyperparameter tuning processes.
- Successfully mitigated fraudulent transactions while optimizing model efficiency by 23% and accuracy by 6%.

ABALONE'S AGE PREDICTION | Cognibot
Sep 2024 – Oct 2024 |Sathyabama University,Chennai, India
- Orchestrated the development of a ensemble model to predict the age of the Abalone(M,F,I) achieving an impressive accuracy rate 91%.
- Automated a data preprocessing techniques to elaborate a most predictive model.
- Demonstrated commitment to ethical data practices while contributing to the development of data-driven solutions.

EDUCATION

MY UNIVERSITY
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING WITH SPECIALIZATION IN DATA SCIENCE
2022- 2026 | Sathyabama University,Chennai, India
Cum. CGPA: 8.17 / 10

OBJECTIVE

To contribute to advancing data science and analysis by developing innovative solutions for business challenges and conducting impactful research. Dedicated to drive organizational growth through intelligent systems and data-driven strategies.

SKILLS

PROGRAMMING
2 years:
- Python • Django
- Machine Learning

1 years:
- MySQL • PowerBI

1+ years:
- Advanced MS Excel

TECHNOLOGY
- Git/Github • Linux
- Windows
- Scikit-learn
- Pandas
- Numpy

CERTIFICATIONS
- MS Excel
- PowerBI
- Cognibot's Machine Learning

LINKS

Github:// **Karthick V**
LinkedIn:// **Karthick V**