

KARISHMA

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EDUCATION

Maharshi Dayanand University | June 2024

Bachelor of Technology in Computer Science and Engineering | CGPA 7.5/10

Relevant Coursework: Python, Database Management system, Data Science, Artificial Intelligence, Machine Learning, Data Structure, Data Analysis, Neural Network, Computer Network, Mathematics.

WORK EXPERIENCE

Cognifyz Technologies | Machine learning Intern | Nov2024- Dec2024

- Developed a regression model to predict restaurant ratings, preprocessing data and evaluating performance with ML algorithms
- Built a content -based filtering system to recommend restaurants based on user preference.
- Analyze restaurant distribution using geospatial data, calculated local statistics and identified trends in rating and concentrations

Feynn Labs | Machine Learning Intern | Sept 2024-Nov2024

- Developed AI-based product research to address real-world business problem statements , market needs and business models.
- Collaborated with a team to conduct market segmentation using K-means, KNN and PCA analyzing industries and deriving actionable for business decisions.
- Worked with team to build product prototypes and financial model , using market trends forecasting ,and AI/ ML techniques.

Internpe | Web Development Intern | Mar 2023-Apr 2023

- Developed interactive and responsive web pages using HTML, CSS.
- Improved web performance and ensured cross-browser compatibility for an enhanced user experience.
- Utilized frontend technology to design and implement effective web interfaces.

SKILLS

Languages: Python, SQL, HTML, CSS

Libraries/ Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Sci-kit learn, Django

Tools: Power BI, Advanced Excel, Jupyter Notebook, PowerPoint, Visual Studio, Google Sheets,

Techniques: Data Preparation, Data Manipulation, Data Modeling, EDA, ETL, AI/ML, Python OOPs, SQL Queries, Machine learning Model Development / Deployment,, Statistical Analysis, Data Science, Data Structure, Data Analytics, Debugging

Soft skills: problem solving, analytical thinking, communication, team collaboration, reporting, planning. presentation

PROJECTS

Pizza Sales Data Analysis Using SQL | [Project Link](#)

- Analyzed pizza sales data to calculate total revenue , identify top- selling pizzas, and determine order patterns by size , category, and time , implemented advanced queries to drive revenue contributions and optimized sales strategies.
- Providing actionable insights to optimized sales strategies and improve business performance.

Air Quality Prediction Analysis | [Project Link](#)

Tools /Technology : Python , Numpy , Pandas , Prophet , Jupyter Notebook

- Collected and preprocessed data using Pandas and Numpy. handling missing values to optimize machine learning models for air quality prediction. Developed interactive visualizations. deployed the final model as web service for real-time forecasts.

Titanic Survival Prediction Analysis | [Project Link](#)

Tools / Technology : Numpy , Pandas, Sci-kit learn , Jupyter Notebook

- Cleaned and analyzed the dataset, performed EDA and feature engineering to predict survival rates . Applied machine learning model for achieving accuracy rates of 80% and 78.2%.

CERTIFICATE

Acmegrade Pvt Ltd | Data Science Training

- Acquired expertise in Python programming, data analysis, data science, machine learning algorithms, and statistical methods
- Engaged in hands-on projects to apply predictive modeling , Machine learning techniques for decision making.