

CHANDAN MISHRA

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SUMMARY

Data Analysis and Machine Learning professional with skills in Python, Pandas, NumPy, Scikit-learn, SQL, and visualization tools like Matplotlib, Seaborn, Tableau, and Power BI. Seeking to contribute to a results-driven team by applying expertise in data preprocessing, model building, predictive analytics, and dashboard creation in a growth-oriented organization.

TECHNICAL SKILLS

Languages : Python, JavaScript, SQL

Machine Learning & Data Analysis : Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, Feature Engineering, Model Evaluation, Exploratory Data Analysis (EDA), Regression, Classification, Clustering, Data Cleaning, Data Visualization

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Jupyter Notebook, Google Colab, Anaconda, Git, GitHub, VS Code, Power BI, Tableau, Excel

AI & Automation: Amazon Q, GitHub Copilot, OpenAI, ChatGPT

PROFESSIONAL EXPERIENCE

Deltron | Data Analyst & Machine Learning

- Performed data cleaning, transformation, and preprocessing on large datasets using Python, Pandas, and NumPy.
- Developed and deployed predictive models using Scikit-learn for classification and regression tasks, improving accuracy of business forecasts.
- Created interactive dashboards and visualizations with Matplotlib, Seaborn, Tableau, and Power BI to communicate actionable insights to stakeholders.
- Conducted exploratory data analysis (EDA) and statistical analysis to identify trends, patterns, and opportunities for process optimization.

PROJECTS

Customer Churn Prediction using Machine Learning

- Developed a predictive model to identify customers likely to churn using Python, Pandas, NumPy, and Scikit-learn.
- Performed data preprocessing, feature engineering, and handling of missing values to improve model performance.
- Built and evaluated models including Logistic Regression, Decision Trees, and Random Forest, achieving high accuracy and recall.
- Visualized results and presented actionable insights using Matplotlib, Seaborn, and Tableau to help reduce customer attrition.

Sales Data Analysis and Insights

- Conducted data cleaning, preprocessing, and transformation on large sales datasets using Python, Pandas, and NumPy.
- Performed exploratory data analysis (EDA) to identify trends, patterns, and key business metrics.
- Created interactive visualizations and dashboards using Matplotlib, Seaborn, Tableau, and Power BI to communicate insights effectively.
- Generated actionable recommendations to support data-driven decision-making and improve business performance.

EDUCATION

Manav Rachna International Institute of Research and Studies - MCA

CERTIFICATIONS

- Data Analysis
- Prompt Engineering
- Certificate in Machine Learning
- Web Weaving NPTEL
- Certificate in IoT NPTEL