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📍 **25,Gandhi Gram,Kanpur**

AKSH GUPTA

Data Scientist

To leverage my analytical skills and data science expertise to drive data informed decision-making and strategic initiatives within a dynamic organization and hands on experience working on AI. I aim to utilize advanced statistical techniques, machine learning algorithms,Deep Learning and data visualization tools to uncover insights, optimize processes, and contribute to innovative solutions that enhance business performance and user experiences.

PROJECTS EXPERIENCE

1.Retail

- Conducted data cleaning, descriptive analytics, and cohort analysis.
- Built RFM model and segmented customers for insights.
- Developed k-means clustering models, optimized data, and analyzed patterns.
- Created Tableau dashboards visualizing key metrics and distributions.

2.HealthCare

- Conducted data cleaning and descriptive analysis, identifying and treating missing values.
- Performed data exploration, balancing data, and visualizing relationships with scatter charts and heatmaps.
- Built and evaluated classification models, including KNN, and analyzed performance metrics.
- Created Tableau dashboards with pie charts, scatter charts, histograms, and heatmaps for data reporting.

3.Real-Estate

- Imported and prepared data, identified primary keys, indexed as needed.
- Treated missing values based on fill rate analysis.
- Conducted EDA: debt analysis, created new fields for population density and median age, and visualized insights using charts.
- Performed correlation analysis with heatmaps.
- Conducted factor analysis to identify latent variables.
- Built linear regression models to predict monthly mortgage expenditures at national and state levels.
- Created comprehensive Tableau dashboards with box plots, pie charts, geo-maps, and heatmaps.

GENERAL SKILLS

Data Science with Python
Machine Learning
Deep Learning
Tableau
Power Bi
Excel
Statistics Essential For Data Science
Math Refresher
Uses cases of Chat-GPT
Problem Solving

TECHNICAL SKILLS

Operating Systems: Windows
Database: MySQL, SQL Server (Familiar with MongoDB)
Language: Python, SQL
Other Tech/Frameworks: Flask, TensorFlow, Artificial Intelligence,NLP

EDUCATION

BACHELORS OF COMMERCE

CSJMU,University
2022-2025

INTERMEDIATE-12
Kanpur Public School
2021-2022

HIGH SCHOOL-12

Florets International School
2019-2020