KRISHAN

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SUMMARY

Detail-oriented and results-driven Data Analyst with a strong foundation in statistical analysis, data visualization, and machine learning. Passionate about transforming complex datasets into actionable insights to support business decision-making. Seeking to leverage analytical and technical skills in a data-driven organization to drive innovation and business growth.

EDUCATION

Bachelor of Computer Applications
Maharishi Arvind University
Graduation Year: 2025

- **Relevant Coursework**: Data Structures, Database Management, Statistics, Programming in Python, Machine Learning

PROJECTS

1. **Insurance Claimants Data Analysis & Fraud Prediction**

Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Tools: Google Colab (Jupyter Notebooks)

- Conducted EDA and cleaned an insurance claimants dataset to identify trends and anomalies.
- Visualized claim patterns and customer demographics using Matplotlib and Seaborn.
- Engineered features and implemented a Logistic Regression model to classify potentially fraudulent claims.
- Enhanced data quality and enabled early fraud detection through predictive modeling.

2**. Smartphone Market Data Analysis Project**

Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn

Tools: Google Colab (Jupyter Notebooks)

- Performed exploratory data analysis (EDA) on a dataset of 1,020 smartphones with 11 features, including price, RAM, camera, OS, and processor.
- Cleaned and transformed unstructured text fields to extract numerical features (e.g., RAM size, primary camera MP, price), handling missing and misclassified entries.
- Conducted visual analysis to reveal pricing patterns, RAM trends, and camera impacts, identifying dominant feature sets for different price segments.
- Built a comprehensive PowerPoint presentation highlighting insights, trends, and recommendations using charts and statistical summaries.
- Demonstrated ability to handle dirty real-world data, engineer features, and communicate insights effectively to technical and non-technical audiences.

TECHNICAL SKILLS

- **Programming Languages**: Python
- **Machine Learning Algorithms**: Logistic Regression, K-Nearest Neighbors (KNN), K-Means Clustering
- **Data Manipulation & Analysis**: Pandas, NumPy
- **Data Cleaning & Preprocessing**: Handling Missing Values, Outlier Detection, Feature Engineering
- **Data Visualization**: Matplotlib, Seaborn
- **BI & Reporting Tools**: Power BI, Microsoft Excel
- **Development Tools & Platforms**: Jupyter Notebook, Google Colab, VS Code
- **Databases**: MySQL
- **Version Control**: Git, GitHub
- **Concepts**: Exploratory Data Analysis (EDA), Statistical Analysis, Regression, Data Preprocessing

SOFT SKILLS

- Communication
- Teamwork & Collaboration
- Critical Thinking & Problem Solving
- Time Management
- Attention to Detail