Jai Kishan S

Data Science & Analytics| AI & Data Science Graduate
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PROFESSIONAL SUMMARY

AI & Data Science graduate with a strong foundation in **data analysis, statistics, Machine Learning, Python, SQL, and data visualization**. Skilled in transforming raw data into actionable insights using **Power BI, Excel, and Python libraries**. Adept at data cleaning, **exploratory data analysis** (EDA), dashboard creation, and business reporting. Actively seeking an opportunity to contribute data-driven solutions in a growth-oriented organization.

TECHNICAL SKILLS

- **Programming & Analytics:** Python (Pandas, NumPy, Matplotlib, Seaborn,Scikit-Learn), SQL
- **Tools & Platforms:** Power BI, Excel, Jupyter Notebook, VS Code, Git, GitHub
- **Statistics:** Descriptive statistics, probability, hypothesis testing
- **Machine Learning:** Regression, Classification, Clustering, Model Tuning , Feature Engineering
- **Data Analysis:** Data cleaning, Exploratory Data Analysis(EDA), KPI tracking, trend analysis
- **Cloud:** AWS(S3,EWS), GCP, Azure ML
- **Deep Learning:** TensorFlow, Keras
- **Soft Skills:** Analytical thinking, problem-solving, communication, attention to detail

PROJECTS

House Price Prediction

- Cleaned & preprocessed ~13,000 real estate records with missing value imputation and feature engineering.
- Trained multiple regression models including Linear Regression, Ridge, Lasso, and Random Forest.
- Achieved R^2 of 0.87 and reduced RMSE by 18% through hyperparameter tuning & regularization.
- Identified top price-driving features such as lot area, neighborhood, and building type to support pricing decisions.

Customer Churn using Machine Learning

- Processed **~7,000 telecom** customer records and applied encoding, scaling, and train-test split.
- Built Logistic Regression, Decision Tree, and Random Forest models.
- Improved predictive performance from **73% → 82% accuracy** using ensemble methods.
- Used feature importance to reveal key churn factors such as contract type, monthly charges, and tenure.

HR Analytics Dashboard | Power BI

- Designed interactive HR dashboard to analyze attrition, department performance, and workforce trends.
- Used DAX to calculate metrics including attrition rate, average tenure, and hiring trends.
- Helped stakeholders simulate retention strategies by identifying high attrition departments and risk groups.

EXPERIENCE & INTERNSHIP (2025 – 2025 DEC)

Freelance Data Analyst | Self-Directed Projects

- Performed end-to-end data analysis using Python, SQL, Excel, and Power BI on structured datasets
- Cleaned, transformed, and analyzed datasets using Pandas, NumPy, and SQL queries
- Conducted **exploratory data analysis (EDA)** to identify trends, patterns, and business insights
- Built interactive dashboards and reports to support data-driven decision-making
- Applied statistical techniques and basic machine learning models for prediction and analysis
- Used Git & GitHub for version control and project documentation

Invoice OCR + Data Extraction (Computer Vision + NLP)

- Built an OCR pipeline using Tesseract/OpenCV to extract fields from invoice PDFs.
- Applied text parsing & regex for vendor, date, tax, total amount extraction.
- Delivered structured CSV outputs enabling automated accounting workflows.

EDUCATION

- Bachelor of Engineering – Artificial Intelligence & Data Science (Global Academy of Technology)
- 10^{th} & 12^{th} (Jawahar Navodaya Vidyalaya)

EXTRACURRICULAR

- Played for under 19 Cricket SGFI(School Games Federation of India)
- KSCA(Karnataka state cricket Association) under 19 Zonal.