

KEDHAR PATIL

Data Analyst · Data Science

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PROFESSIONAL SUMMARY

B. Tech Information Technology graduate with hands-on experience in SQL, Python, Power BI, and data analytics through end-to-end projects in Data Analysis, ETL, Data Warehousing, and Machine Learning. Built a Star Schema Data Warehouse, developed analytical dashboards, and implemented predictive models to solve real-world business problems. Passionate about transforming raw data into actionable insights and eager to contribute as a Data Analyst, Data Science, Junior Data Engineer.

EDUCATION

B. Tech – Information Technology CMR College of Engineering and Technology, Hyderabad CGPA: 8.09 / 10	2022 – 2026
Intermediate – PCM Sri Vijaya Sai Junior College, Bodhan Score: 96.2%	2020 – 2022

TECHNICAL SKILLS

Languages: Python, SQL

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn

Machine Learning: Logistic Regression, Random Forest, XGBoost, Data Preprocessing

Tools & Platforms: Power BI, MS Excel, Git, GitHub, VS Code, Jupyter Notebook

Data & Analytics: Data Cleaning, Exploratory Data Analysis (EDA), Dashboard Creation

PROJECTS

SQL Data Warehouse & ETL Pipeline

SQL • DuckDB • ETL • Data Warehouse • Star Schema • Data Modeling • Git • GitHub

- Designed and implemented an end-to-end ETL pipeline to transform raw job posting data into a Star Schema Data Warehouse, enabling scalable analytical reporting.
- Built Fact, Dimension, and Bridge tables, then developed Flat, Skills, and Priority Data Marts using advanced SQL (CTEs, MERGE, JOINS, CASE, Aggregations).
- Applied dimensional modeling, data validation, and production-style SQL practices; managed development using Git feature branches and version control.

Data Science Job Market Analysis — Skills & Salary Insights

MS Excel • Power Query • Power Pivot • DAX • Pivot Tables • Pivot Charts

- Analysed a real-world dataset of 2023 data science job postings to uncover correlations between skill count, job title, and median salary across US and non-US regions.
- Built an ETL pipeline using Power Query to extract, clean, and load two relational tables into a unified data model; used Power Pivot and DAX measures to calculate median salaries dynamically by role and region.
- Designed a combo PivotChart mapping median salary against skill likelihood for the top 10 skills — confirming Python, SQL, and Oracle as the highest-value skills; Senior Data Engineers and Data Scientists showed the highest global compensation

E-Commerce Fraud Detection using Machine Learning

Python • Pandas • NumPy • Scikit-learn • Logistic Regression • Random Forest • XGBoost

- Built a machine learning model to identify fraudulent transactions in e-commerce datasets, addressing real-world class imbalance challenges.
- Performed data preprocessing and exploratory data analysis (EDA) to handle noisy and imbalanced data, improving input quality for model training.
- Implemented and benchmarked Logistic Regression, Random Forest, and XGBoost — XGBoost achieved the highest fraud detection accuracy.
- Evaluated models using Precision, Recall, and F1-score to ensure reliable detection of rare fraud cases without sacrificing overall accuracy.

CERTIFICATIONS

- Deloitte Data Analytics Job Simulation – Forage (Data cleaning, dashboarding, reporting)
- Python Programming Training – Internshala
- SQL – Basic & Intermediate – HackerRank (Certified)