

PIYUSH KUMAR

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PROFILE SUMMARY

- Experienced in **Data Analysis** and **Machine Learning**, with hands-on expertise in **Python, SQL, Tableau, Power BI**, and **AI/ML** to derive insights and drive data-driven decision-making. Proficient in implementing ML models using **Scikit-learn**, handling structured and unstructured datasets with **Pandas** and **NumPy**, and visualizing insights using **Matplotlib** and **Seaborn**.
- Completed **comprehensive Data Science training from ETLHIVE, Vashi**, covering **Artificial Intelligence (AI), Machine Learning (ML), Power BI, Tableau, Python, Advanced Python, Natural Language Processing (NLP), Deep Learning, SQL, and Excel**, with practical hands-on experience in several industry-relevant projects.
- Skilled in data preprocessing, **feature engineering**, **model evaluation**, and **performance optimization**, with experience in training and testing **ML models**. Adept at working with large datasets, performing **regression analysis**, and leveraging **statistical** methods for accurate **predictions**.
- Strong background in data-driven storytelling, monitoring processes, identifying areas for improvement, and implementing strategies to enhance business performance. Possess excellent communication, analytical, and problem-solving skills to deliver impactful Data Analytics and Machine Learning solutions.

CERTIFICATIONS

Data Science Certification — ETLHIVE, Vashi

- AI/ML (Artificial Intelligence and Machine Learning)
- Power BI
- Data Analytics
- Python
- SQL
- Tableau
- MS-Excel
- MS-PowerPoint

CORE COMPETENCIES

- Python** (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn)
- Data Manipulation & Analysis (Data Cleaning, Transformation, Aggregation)
- Power BI & Tableau** (Interactive Dashboards, Data Modeling)
- SQL** (Advanced Queries, Joins, Window Functions, Optimization)
- Feature Engineering & Statistical Analysis

PROJECTS

1. Sales Performance Dashboard & Analysis

- Tools & Techniques: Power BI, SQL, Excel (Pivot Tables, VLOOKUP, Index-Match)
- Key Tasks:
 - Collected sales and customer transaction data from multiple sources using SQL queries.
 - Designed an interactive Power BI dashboard to track KPIs (sales by region, product performance, revenue trends).
 - Automated reporting workflows, reducing manual reporting time by 60%.
 - Provided actionable insights that helped identify top-performing regions and products.

2. Financial Reporting & KPI Monitoring

- Tools & Techniques: Excel (Advanced Formulas, Conditional Formatting, Macros), Power BI
- Key Tasks:
 - Developed automated Excel dashboards for monthly financial and operational KPIs.
 - Implemented validation checks to ensure data accuracy and integrity.
 - Supported management in tracking profitability, expenses, and cost efficiency.

TRAINING ATTENDED

Data Analyst Intern from ORNET Technologies Pvt. Ltd.

- Worked on data analysis and machine learning projects.
- Performed data cleaning, visualization, and predictive modeling.
- Assisted in ML model deployment and performance monitoring.

Data Science Certification from ETLHIVE, Vashi

- Completed comprehensive training covering AI/ML, Power BI, Tableau, Python, Advanced Python, NLP, Deep Learning, SQL, Excel.
- Executed multiple hands-on projects applying data analytics and machine learning techniques..

ORGANISATIONAL EXPERIENCE

Research Analyst with Contexio LLP

Key Result Areas:

- Worked with clients such as **The House of Marley, Homedics, Obusforme, and Jam Audio.**
- Handled **large-scale data processing and analysis** to generate actionable insights.
- Developed **data visualization dashboards** to track key business metrics.
- Applied **machine learning techniques**, including **regression analysis and predictive modeling**, to optimize sales and customer retention.
- Conducted **A/B testing and customer behavior analysis** to improve marketing strategies.
- Implemented **ETL processes** to clean and transform raw data for accurate reporting.

Data Analyst with SpringBoard, Chennai (Client: Agoda)

Key Result Areas:

- Conducted **data analysis and predictive modeling** for customer behavior insights.
- Built dashboards using **Power BI, Tableau**, and performed **SQL-based reporting**.
- Developed **machine learning models** for customer segmentation and trend analysis.
- Managed data pipelines and ensured **data quality & integrity**.

ACADEMIC DETAILS

8.29 CGPA(1st Division): Masters of Computer Applications from Amity University, Maharashtra, India

7.92 CGPA(1st Division): Bachelor of Computer Applications from Amity University, Maharashtra, India

6.9 CGPA: Class 12th from Dnyanjyot Senior Secondary School, Kharghar, India

8.0 CGPA: Class 10th from Ryan International School, New Panvel, India

PERSONAL DETAILS

Languages Known: English, Hindi and Tamil

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