Ajaya Kumar Pradhan

Data Analyst | Skilled in Data Modeling, SQL, Python, and Business Insights

- Bhubaneswar,India
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- ajayapradhan210@gmail.com
- Portfolio

Profiles

in ajaya-kumar-pradhan-1945341b0
LinkedIn

Ajaya210
Github

Education

Rajdhani College
Bachelors Degree Economics (Honours)
2014 – 2017

Skills

Data Visualization

Power BI, Tableau, Matplotlib, Seaborn

Data Analysis & Modeling

Regression, Clustering, Hypothesis Testing, Regression Analysis, Predictive Analytics

ETL & Data Integration

Data Integration, Data Cleaning, Data Transformation, processing, Transformation

Data Modeling

SQL, Data Transformation, Data Collection

Version Control

Git

Data Integration & ETL

Data cleaning, transformation, Validation

Visualization

Dashboards, Graphs, Competitor Benchmarking, Tableau, Power BI

Predictive Analytics

Data Mining, Trend Analysis, KPI Tracking

Technical Skills

Jupyter Notebook, Google Colab, PostgreSQL, MySQL

Programming & Tools

NumPy, SQL, Tableau, Power BI, Python, Pandas, Matplotlib, Excel

Certifications

Almabetter
April 2024
Full-Stack Data Science

Yhills
August -September 2024
Data Science Intership

Forage
September 2024
Tata Data Visualization Internship

Cognifyz
October-November 2024
Cognifyz Data Analyst Internship

ISRO
August-September 2024
ISRO Remote Sensing Data Internship

Awards

HackerRank
Golden Badge in Python coding (HackerRank)

Interests

Hobbies
Travelling, Data storytelling, AI trends, and solving real-world problems with analytics.

Profile

Dynamic Data Analyst with over 1 year of academic experience and 4 months of professional internship experience in **data collection, analysis, and reporting**.Proficient in **data cleaning, integration, predictive modeling**, and creating **interactive dashboards** for actionable insights.Skilled in tools like **Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Tableau, and Power BI**, with hands-on expertise in analyzing large datasets and automating workflows.Adept at interpreting data to provide insights, improving business decisions, and enabling **process efficiency and automation**.Passionate about driving improvements through data visualization, competitor benchmarking, and predictive analytics.

Internship Experience

Cognifyz Technologie
Data Analyst Intern — October-November 2024

- **Cleaned and validated datasets**, increasing accuracy by **35%**, ensuring high-quality data for reporting and analysis.
- Developed and automated **interactive Tableau dashboards**, improving stakeholder engagement and KPI tracking.
- Streamlined research processes by designing structured datasets, reducing effort by **25%**.
- Collaborated with cross-functional teams to deliver insights that **optimized process efficiency**.

Yhills Pvt.Ltd
Data science Intern — July – August 2024 — Noida,Uttarpradesh

- Conducted **data collection, ETL processes**, and analysis using SQL and Python, maintaining **data integrity**.
- Built **Power BI dashboards and reports** for market research, improving accessibility for internal stakeholders by **15%**.
- Designed **predictive models** to provide actionable insights, optimizing project execution and client outcomes.
- Identified areas for automation in data pipelines, reducing manual workflows.

Projects

Amazon Sales Optimization
Amazon Sales Optimization

- Analyzed a **21,000+ row dataset** to identify sales trends, leading to a **10% performance improvement**.
- Enhanced **data processing efficiency by 30%** through automation and cleaning with Python.
- Designed optimized **SQL queries** for inventory management, ensuring **100% data accuracy**.

HDFC Bank Transaction Analysis & Customer Insights Dashboard
HDFC Bank Transaction Analysis & Customer Insights Dashboard

- Built a **Power BI dashboard** analyzing **₹5.06 million** in transactions and identifying KPIs such as average balances and loan risks.
- Conducted **predictive modeling** to optimize loan disbursement strategies and improve credit management.
- Delivered benchmarking insights for **customer segmentation and branch performance**.

FedEx's Performance Metrics: Deep Analysis and Insights into Supply Chain Excellence
Fedex Supply chain Analysis

- Analyzed a **70,000-row dataset**, improving supply chain efficiency by **30%** through trend analysis and KPI tracking.
- Developed interactive **Excel dashboards** to streamline decision-making processes for stakeholders.
- Applied **automation and predictive analytics** to optimize logistics and marketing strategies.

Airbnb Hotel Booking Analysis
Airbnb Hotel Booking Analysis

- Analyzed **49,000+ listings** to identify booking patterns, improving host revenue by **20%**.
- Created **visualizations** with Matplotlib and Seaborn to communicate findings and drive actionable recommendations.
- Recommended investment in **high-demand zones** (e.g., Manhattan, Brooklyn), boosting bookings.