ABHINAV PANDEY

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Proficient in Data Visualization, Reporting, Dashboarding, Insight analysis with Computer Science Engineering background with hands on experience in SQL, Excel, Power BI, Alteryx, Tableau. Honing strong analytical skills, decision-making, problem solving abilities with learning mindset and proactive approach.

TECHNICAL SKILLS

• Power BI Desktop	• Exploratory Data Analysis (EDA)	• Tableau	• Data Analytics
• Power BI Service	• SQL	• Alteryx	• Data Visualization
• Power Query (M- Query)	• Machine Learning	• Python	• Data Cleaning and Wrangling
• DAX	• Probability and Statistics	• Microsoft Dynamics	• Data Structures and Algorithms

WORK EXPERIENCE

Data Analyst Intern | Grant Thornton Bharat LLP, Delhi   **10/2023 – 01/2024**

- Built interactive Power BI dashboards for real-time data visualization insights across 8 projects.
- Automated data analysis with Python, cutting manual effort by 20% and improving accuracy.

  Partnered with 5 teams to gather requirements, analyze data, and deliver insights for leadership.
  Tools used: Power BI desktop, Power BI service, Power query, DAX function, Vlookup, Pivot Table

PROJECTS

AI-Driven Customer Retention & Profitability Analysis | Final Year Project (Feb - Mar 2025)

- Researched customer retention strategies and profitability analysis using Machine Learning and AI-driven analytics.
- Implemented Neural Networks (Feedforward, LSTM) for customer behavior prediction.
- Optimized pricing with time series forecasting (ARIMA, LSTM) to boost revenue by 23%.
- Created interactive dashboards (Power BI/Python) to visualize customer insights.
- Applied RFM analysis (Recency, etc.) to segment high-value customers for targeted marketing.
- Conducted Market Basket Analysis (Apriori, FP-Growth) for cross-selling opportunities.
- Used SQL/Python/R for data extraction, transformation, and analysis on real-world datasets.

TMDB Box Office Prediction | ML project (Mar – Jul 2025)

- Developed a predictive model to estimate box office revenue based on movie attributes such as budget, cast, crew, genre, and release date using TMDb dataset.
- Performed data preprocessing & feature engineering (handling missing values, text processing).
- Conducted Exploratory Data Analysis (EDA) to uncover key factors affecting box office revenue.
- Built ML models (Linear Regression, Random Forest, XGBoost) for revenue prediction.
- Optimized model performance using hyperparameter tuning and cross-validation.
- Visualized insights using Matplotlib, Seaborn, Power BI, and Tableau.

Car Evaluation | ML project (Dec - Jan 2024)

- Created a model that evaluates the performance of built models of cars using algorithms applied on a rough dataset.
- Built a car evaluation predictor using multi-class random forest classifier with feature analysis.
- Applied SMOTE for balanced data distribution & achieved uniformity in training.
- Achieved 99.4% accuracy through data augmentations to account for class imbalance.

Air Cargo Analysis | SQL

- Leveraged airline dataset to optimize travel operations, analyze busiest routes, ticket sales, & enhance the booking experience; resulting in 25% increase in revenue collection & 15% reduction in customer complaints.

Comparison of Region-based Sales | Tableau

- Prepared dashboard to compare revenue distribution, KPIs, and sales trends between 2 selected regions of sample superstore.
- Increased sale by 45% on first order of Central & East region; analyzed by using charts, filter, calculated fields & parameters.

EDUCATION

MBA (Business Analytics)	**08/2023 – 07/2025**
Jagran Lakecity University, Bhopal, M.P.	CGPA: 8/10
PGDCA	
Makhanlal Chaturvedi University, Rewa, M.P.	Percentage: 92

ACHIEVEMENTS

- **Marketing & Branding Initiative:** Led & managed 140 volunteers in 'Analytica 4.0,' an inter-college debate competition designed to foster analytical thinking and promote the launch of a new MBA program. Managed event coordination, engagement, and promotional activities to enhance outreach and brand visibility.