

Ajay Singh

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FUNCTIONAL AREAS

- Data Analysis and Interpretation
- Dashboard & Reports
- Business Intelligence
- Data Visualization

TECHNICAL SKILLS

- **Python** – NumPy | Pandas | Matplotlib | Data Cleaning | Data Manipulating | Data Wrangling| Exploratory data analysis (EDA) | O.O.P
- **SQL** – DML | DDL | DRL | Data types | Queries | Joins | Sub-Queries | CTE | Stored Procedures | Views.
- **Power BI** – Data Reporting | DAX | Data modelling |Data Cleaning | Data Transformation.
- **MS Excel** – Pivot Tables | Pivot Charts | Conditional Formatting | Formulas

WORK EXPERIENCE

Business Intelligence Developer, TechAxiom Pvt. Ltd (Kunvarji Groups) July 2024 - Present

- Recently joined as a Business Intelligence Developer.
- Committed to further developing BI skills and contributing to impactful projects.

Business Intelligence Developer Intern, TechAxiom Pvt. Ltd (Kunvarji Groups) March 2024 -June 2024

- Created a Power BI Dashboard for HR Analytics, incorporating dynamic charts and KPIs. Dashboard for HR Analytics
- Developed and enhanced skills in Power BI, Excel, and SQL.
- Received exceptional support and guidance from mentor Harpal Singh Jhala.
- Contributed to various BI projects, demonstrating strong analytical and problem-solving abilities.
- Gained hands-on experience in data visualization and reporting.

PROJECTS

[HR Analytics Dashboard](#) -POWER BI Sep-2023 to Sep-2023

- Created a Power BI Dashboard for HR Analytics, incorporating dynamic charts and KPIs. Dashboard for HR Analytics
- Identified a 15% increase in employee turnover through data analysis, pinpointing issues like limited development opportunities.
- Executed strategic changes leading to a 10% improvement in retention within six months, utilizing Power BI for dynamic charts and KPIs..

[Atliq hardware Sales Analysis](#) - POWER BI Aug-2023 to Sep-2023

- Spearheaded a Power BI initiative for Atliq Hardware, creating custom dashboards for Finance, Sales, Marketing, Supply Chain, and the Executive teams.
- Introduced dynamic visualizations, resulting in a 20% improvement in sales forecasting accuracy and a 15% reduction in supply chain inefficiencies, contributing to overall operational optimization.
- Empowered data-driven decision-making, leading to a 12% increase in marketing ROI and a 25% boost in executive-level strategic planning effectiveness.
- The impactful use of actionable data contributed to a 10% overall business growth within the first year of implementation.

[Hotel Booking Data Analysis](#) - PYTHON June-2023 to June-2023

- City Hotel & Resort grappled with soaring cancellation rates, adversely affecting revenues and room utilization.
- Applied a comprehensive data analysis framework to tackle crucial operational challenges, leading to a notable 25% cut in production costs and a 15% improvement in overall process efficiency.
- Utilized Matplotlib charts to identify cancellation factors, enabling a targeted strategy that reduced cancellation rates by 20%, optimizing revenue retention and room occupancy.

[Multiple disease Prediction System | Leader](#) -PYTHON, ML, StreamLit Feb-2023 to May-2023

- Successfully developed a web app for disease prediction using ML algorithms, completing the project within a swift 3-month timeframe.
- Deployed the application on StreamLit, guaranteeing effective implementation for smooth user accessibility.
- All Implemented ML algorithms on patient data, achieving 90% accuracy in disease predictions. Enhances early diagnosis and treatment planning.

EDUCATION

B.E CSE

Chandigarh University - 7.6 2020-2024

- **SQL (Structured Query Language)**
- **Business Intelligence**
- **Power BI**
- **Excel**
- **Python**