

Md Dilkhush Alam

Data Analytics | B.C.A - Bachelor of Computer Applications
Bhupendra Narayan Mandal University Madhepura

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Career Objective

- Motivated and detail-oriented individual seeking an entry-level Data Analyst position. Eager to leverage analytical skills and technical knowledge in Python, SQL, Tableau, and data visualization to drive data-driven decision-making and enhance business strategies. Committed to transforming complex data into actionable insights and collaborating with a dynamic team to grow professionally in data analytics.

Education

Degree / Certificate	Institute / Board	Year
B.C.A	Bhupendra Narayan Mandal University Madhepura	2016- 2020
Senior secondary	BSEB Patna	2015
Secondary	BSEB Patna	2013

Projects

- Super Store Sales Analysis Dashboard** Oct 2024 - Oct 2024
Technology: Tableau
 - Analyzed sales, profit, and discount by region and category.
 - Segmented customers by purchase behavior.
 - Developed interactive dashboards using bar charts, line graphs, and pie charts to provide clear insights.
 - Enabled dynamic filtering by region, product category, and time period for deeper analysis.
- COVID-19 Analysis Dashboard** Oct 2024 - Oct 2024
Technology: Tableau
 - Tracked and visualized virus spread: confirmed cases, recoveries, deaths, and vaccination rates.
 - Used dynamic charts and heatmaps for trend analysis.
 - Enabled real-time updates, with regional and time-based filters for deeper insights.
- GDP Analysis** Oct 2024 - Oct 2024
Technology: Python, Pandas, Matplotlib, Seaborn, Plotly Library, Offline Plotly Library
 - Analyzed GDP values and growth for individual countries.
 - Created line and bar graphs for country-specific and global GDP trends.
 - Compared GDP and growth between specific countries and across all countries.
 - Exported GDP data of each country into separate files for further analysis.
- Black Friday Sales Visualization** Sep 2024 - Sep 2024
Technology: Python, Pandas, Matplotlib, Seaborn
 - Total Purchase By Gender(Pie Chart):Visualizes distribution between male and female customers.
 - Total Purchase By Age Group (Bar Chart):Categorizes purchases by age.
 - Purchase Distribution By City Category (Pie Chart) : Compares purchases in urban and rural areas.
 - Occupation-Based Purchase Insight (Bar Chart) : Analyzes purchases based on customer occupations.
- Inventory Management System** Aug 2024 - Aug 2024
Technology: python, JSON, Command-Line Interface (CLI)
 - Displays product details from a JSON file, including ID, name, price, and quantity.
 - Users input personal details and product info to initiate purchases, with stock availability checks.
 - Generates detailed bills with a 10% discount if stock is available; informs users if stock is insufficient.
 - Updates inventory in real-time, saving changes back to the JSON file after each transaction.
 - Logs each sale in a separate text file, capturing user details, product info, quantity, and total amount.

Technical skills

- Languages & Software :** Python, SQL, HTML, CSS
- Data Analysis :** Pandas, NumPy
- Data Visualization :** Matplotlib, Seaborn ,Plotly, Tableau, MS Excel, Google Sheet
- Database Management:** SQL, MySQL,
- Tools/IDE :** Git, Jupyter Notebook, PyCharm, VS-Code, MySQL, Oracle 10g, MS Excel
- Analytical Skill :** Data Analysis, Data Cleaning
- Operating System (OS) :** Windows/Linux

Certifications

- **Python, SQL, HTML & CSS (Pentagon Space, Bengaluru)** – Completed comprehensive training in Python, SQL, HTML, and CSS, enhancing skills in programming, web development, and data analysis.
- **Python (HackerRank)** – Completed Python course and assessment on HackerRank, demonstrating proficiency in Python programming.
- **Data Analytics (GeeksforGeeks)** – Completed a comprehensive Data Analytics course, focusing on data manipulation, visualization, and analysis.

Personal strengths

- If any of Task assigned, would you like to take responsibility as an initiative.
- Confident and determined.
- Analytical Thinking .

Field of interest (Or Research interest)

- Data Visualization (Tableau)
- Exploratory data analysis(Pandas, Matplotlib, Seaborn, Plotly)
- Data Cleaning & Preprocessing
- Dashboard Creation and Reporting
- Strong interest in Data Science, with a focus on Python and SQL

(References available on request)