**👋 Hi, I'm Gohar Fatima**

I am a passionate **Data Analyst** with expertise in building insightful, interactive dashboards and conducting in-depth data analysis. I specialize in using **Power BI**, **Tableau**, **Python**, and various data visualization libraries to help businesses make data-driven decisions. I recently completed a project using the **Pyspan library**, where I focused on data cleaning and building interactive visualizations. My goal is to contribute to the data-driven future of organizations by leveraging my skills in analytics.

**🚀 First Project: Healthcare Data Analysis**

This project involves analyzing a **healthcare dataset** using Python, where I applied multiple data cleaning steps and visualized the results with various libraries including **Pyspan**, **Pandas**, **Matplotlib** and **Plotly**. The project covers key aspects of data analysis such as:

* **Data Cleaning**: Handling missing values, formatting columns, and addressing inconsistencies.
* **Data Visualization**: Creating interactive charts (e.g., univariate, bivariate, and time series analysis).
* **Outlier Detection**: Demonstrating the impact of removing outliers on the dataset.

**Project Features**

* **Interactive visualizations**: Explore trends in the dataset using Plotly for dynamic charts.
* **Descriptive statistics**: Analyzing the distribution of important columns like age, billing amount, and medical conditions.
* **Real-world relevance**: Demonstrates data-driven insights that can help optimize healthcare services.

**📬 How to Reach Me**

I'm always excited to connect with fellow professionals and explore new opportunities. Feel free to reach out!

* **LinkedIn**: [Connect with me](https://www.linkedin.com/in/gohar-fatima-5023bb31a)
* **Gmail**: [fatimagohar2024@gmail.com](mailto:fatimagohar2024@gmail.com)
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**👨‍💻 Skills & Tools**

* **Data Analysis**: Python, Pandas, NumPy
* **Data Visualization**: Power BI, Plotly, Matplotlib, Seaborn
* **Database Management**: SQL, Microsoft SQL Server
* **Libraries Used**: Pyspan, Plotly, Pandas

**🎯 Why Hire Me?**

I’m a highly motivated and detail-oriented data analyst with a passion for solving complex problems using data. My recent projects demonstrate my ability to take raw data, clean it up, and transform it into meaningful insights that drive decisions. I’m always learning and eager to contribute to your company’s success.

**🚀 Next Steps**

If you're looking for someone to help with your data analysis or visualization needs, let's connect and explore how I can contribute to your team!

**About the GitHub Repository**

This repository contains the complete code for my **Healthcare Data Analysis** project. I’ve included clear documentation, the dataset, visualizations, and explanations for each data cleaning and visualization step.