

# MANISH ARORA

DATA ANALYST/ POWER BI DEVELOPER



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## About Me

Passionate Data Science expert with a Master's, skilled in Python, R, Power BI, and MySQL. Proficient in data mining, machine learning, and extracting actionable insights. Dedicated to leveraging expertise for impactful contributions in the Data/Business Analyst sector, aiming to excel through ongoing education and innovation. I can use my skills to make a positive impact

## Education

### 2022-2024      **Master's in Data Science**

Asian Academy of Film & Television

### 2017-2020      **Bachelors of Arts**

R.M.P. PG College (CSJM UNIVERSITY)

### 2017              **Intermediate**

P.N. SAILGAL INTER COLLEGE, SITAPUR

### 2015              **High School**

P.N. SAILGAL INTER COLLEGE, SITAPUR

## Skills

**Data Mastery:** Adept at seamlessly extracting, refining, transforming, and unraveling insights through proficient use of Python, SQL, and Tableau in the realm of data analysis.

**Database Proficiency:** Comprehensive grasp of relational and NoSQL databases, with expertise in managing PostgreSQL, MySQL, Oracle, and MongoDB. Proficient in the art of data modeling, ensuring effective structuring and organization of data for optimal system performance.

**Data Visualization:** Proficient in crafting dynamic and engaging visual representations through the adept use of Tableau, Power BI, and Python. Demonstrates expertise in developing interactive dashboards and reports, ensuring a compelling and impactful presentation of data insights.

**Python Proficiency:** Skilled in Python for data analysis (Pandas), visualization (Matplotlib, Seaborn), automation, scripting, NumPy, SQL, and version control with Git for efficient project management.

**Python Proficiency:** E-Commerce Sales Data Analyst with Power BI expertise, creating interactive dashboards featuring diverse visualizations and advanced data manipulation. Proficient in user-driven parameters and strategic visualization techniques for enhanced analytical insights.

**TECHNICAL SKILLS:-** PowerBI, Tableau, Machine Learning, MS Excel, PostgreSQL, MYSQL, SSIS, SSAS, SSRS, SSMS, R Studio, MongoDB, Python, Numpy, Pandas, Matplotlib, Seaborn, Data Mining, Data Cleaning, Data Modification, Data Visualization.

## Experience

### **Power BI Developer in Chawla Technologies**

(Nov 2023)

Diligently collected, analyzed, and interpreted data to enhance organizational programs and services. Created impactful data visualizations, collaborated with staff, and conducted daily reviews of uploaded data. Provided crucial support in data review and validation processes.

Software :- MS Excel, Microsoft Power BI, Python.

### **Data Science in CodSoft**

Sept 2023-Oct 2023)

Proficient Python Programmer skilled in developing practical applications, including a calculator, password generator, to-do list, and conducting data analyses on the Iris dataset and Titanic dataset. Demonstrates versatility in problem-solving and data manipulation.

# PROJECT LEARNING

## **POWER BI PROJECT:**

- E-Commerce Sales Data Analyst skilled in Power BI, creating interactive dashboards with diverse visualizations and advanced data manipulation. Enhanced analytical experience with user-driven parameters and strategic visualization techniques.

## **STREAMLIT PROJECT (MACHINE LEARNING):**

- Embark on a pioneering Streamlit project integrating ML algorithms with Spyder's user-friendly environment. Uncover data insights, visualize predictions, and drive innovation in Data Science for strategic decision-making.
- **PROJECT-LINK:-**<https://maniaro97-machine-learning-loaded-datasets-mlapp2-rrfddv.streamlit.app/>

## **MYSQL PROJECT:**

- MySQL is a scalable, efficient, open-source relational database management system, widely utilized in web apps and data projects. Supports SQL queries, advanced automation, data security, and excels with large datasets.

## **SHINY APP PROJECT:**

### **POPULATION BASED PROJECT**

- Developed a dynamic Shiny app in R for state-wise global population analysis, integrating libraries such as **shiny**, **dplyr**, and **ggplot2**. Implemented interactive features, robust data manipulation, and diverse visualizations, providing users with customizable insights into population trends across regions.
- **PROJECT-LINK:-**<https://manisharora.shinyapps.io/CountriesData/>

### **POLAND BIODIVERSITY PROJECT**

- Explore Poland's biodiversity in a captivating Shiny app, showcasing diverse ecosystems. Powered by R language, Java, and CSS for an interactive, visually stunning experience. Foster environmental awareness and conservation efforts.
- **PROJECT-LINK:-**<https://manisharora.shinyapps.io/Biodiversity/>

## **R PROGRAMMING LANGUAGE:**

- Developed comprehensive R Studio projects, showcasing expertise in utilizing key libraries for data analysis. Executed advanced matrix and vector operations, contributing to a robust database. Demonstrated prowess in database management within the R environment, highlighting a strong foundation in data science and analytics.

## **PYTHON LANGUAGE PROJECT:**

- Harnessing Jupyter Notebook's interactive prowess, adeptly manipulate and clean data with Pandas and Scikit-learn, while crafting compelling visualizations with Matplotlib and Seaborn. Showcase Python's versatility, including web scraping, and extend expertise to Power BI, Tally, MongoDB, and SQL Server connections for comprehensive data analysis.

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## ***PROFILE LINKS***



**Github Profile**



**LinkedIn Profile**