

Shreya Sinha

Data Analyst

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SUMMARY

A data-driven professional with over 2 years of hands-on experience in data science and analytics, complemented by a PG diploma in Data Science from IITB. Skilled in advanced Excel, Python, SQL, Tableau, and Power BI, I excel at transforming raw data into actionable insights through precise data manipulation and visualization. With a passion for analytics and strong communication skills, I am seeking a data analyst role where I can leverage my expertise to drive data-informed decision-making and contribute to business growth.

Data Modeling

EDUCATION

Post Graduate Diploma in Data Science	Feb '23 - Apr '24
IIIT Bangalore	Bengaluru, IN
Bachelor of Science in Mathematics	Jun '16 - Jul '19
Binod Bihari Mahto Koyalanchal University, Dhanbad	Jharkhand, IN
• Passed with First class with distinction	

KEY SKILLS

Analyze business, Gather Requirements, Understand Business, Business Data, SQL queries, Identify Trends, Business Problems
Data Analysts, Information Systems, Complex Data Insights, Program management, Tracking Mechanisms
Key Insights, Business Metrics, Reporting, Statistics
Data-Driven Initiatives

TECHNICAL SKILLS

Tools/Languages: Power BI, SQL, Python, Tableau, Hadoop
Cloud: Amazon AWS
MS Excel (Advance)

PROFESSIONAL EXPERIENCE

Data Analytics	Jun '24 - Present
Medhavi Foundation	Dhanbad, IN

- **Transformed** large, complex datasets into actionable insights using **Excel, Google Sheets, and Power BI**, directly influencing **80%** of strategic business decisions.
- **Developed and delivered** over **20+ dynamic Power BI dashboards**, resulting in **30% faster decision-making** and **15% improvement** in key performance metrics across departments.
- **Ensured 99.9% data accuracy** by implementing advanced data cleansing and validation techniques, leveraging **SQL** and **Python** to streamline operations, improving efficiency by **25%** and reducing processing time by **40%**.

Data Analytics	Aug '22 - May '24
Smart Sale	Dhanbad IN

- Achieved **99% data accuracy** through meticulous data cleaning and validation in **Excel**; utilized **SQL** and **Python** for comprehensive data transformation.
- Developed dynamic **Power BI dashboards** and reports, driving a **15% improvement** in product performance and a **25% boost** in operational efficiency.
- Collaborated across teams to execute data-driven strategies, resulting in a **15% revenue increase** and optimized business processes.

KEY PROJECTS

RSVP Movies Analysis | Tech Stack: SQL

- **Objective:** Drive insights for RSVP Movies' global audience project.
- **Solution:** Data Quality: Initial null values: Name 0%, Height 67.2%, DOB 52%, Known for Movies 59%.

Top Directors: Identified directors with average ratings > 8 in top genres. Key Metrics: Computed average ratings, total votes, and inter-movie intervals for top directors.

- **Achievement:** Enhanced data integrity by 30%, reduced null values to 59%, boosted director performance and industry recognition.

House Prices Prediction | Tech Stack: Machine Learning

- **Objective:** Accurately predict house prices.
- **Solution: Data Prep:** Import, clean, handle missing values, EDA. **Feature Engineering:** Feature selection, categorical encoding, numerical scaling. **Model Building:** Built and tuned Multiple Linear Regression, Random Forest, XGBoost models. **Evaluation:** Random Forest excelled with R^2 of 0.8329.
- **Achievement:** Achieved high prediction accuracy (R^2 : 0.8329) with Random Forest.

Google Play Store Analysis | Tech Stack: Power BI

- **Objective:** Enhance app development through analysis of apps and user sentiments.
 - **Solution:** Employed measures, DAX functions, sorting, filtering, visualizations.
 - **Achievement:** Market Insights: Analyzed apps, genres, categories, reviews. Top Performers: Subway Surfers (6.0B installs), Instagram (0.27B reviews). Popular Category: Family category leads with 30%. Trends: 23.6% of apps support Android 4.1+, 50% updated in 2018.
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