

Anjali Thawani

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SUMMARY

Aspiring data professional with a Master of Science in Physics, skilled at executing data analysis and developing visualizations within agreed timelines, ensuring accuracy, compliance, and quality in fast-paced environments. Proficient in managing multiple projects simultaneously using Python, SQL, Excel, and Power BI and demonstrated ability to optimize operational processes.

SKILLS

- **Visualization:** Power BI, Data Storytelling, Dashboard Creation
- **Statistical tools:** Python, Microsoft Excel
- **Libraries:** Pandas, Seaborn, Matplotlib
- **Database:** MySQL
- **Soft skills:** Critical thinking, Problem solving, Attention to detail, Analytical thinking, Fast Learner, Communication.

WORK EXPERIENCE

Data Analyst Intern - April 2023

Govt. Maharani Laxmi Bai Girls College, Barkatullah University

- Performed comprehensive analysis on the admission data of 422 students across diverse subjects and vocational courses, achieving an **18% improvement in data accuracy**. Revealed that **30.8%** of students, approximately 130 individuals, were granted scholarships.
- Employed Advanced Excel Functions (VLOOKUPS, Pivot Table, Charts) for in depth data analysis and report creation, **reducing manual work by 2 hours** and increasing workflow efficiency.

PROJECTS

EV Market Analysis using Python <https://github.com/anjali-thawani/EV-Market-Analysis>

- Designed and implemented an innovative automation solution for EV Market data analysis, **improving overall processing speed by 30%** and **reducing preparation time by 25%**.
- **Increased decision-making accuracy by 22%** through precise identification of 2023 as the peak year for EV sales, while analyzing the impact of pandemic-related disruptions..

Travel and Hotel Analysis using PowerBI <https://github.com/anjali-thawani/Travel-And-Hotel-Analysis>

- Collaborated with customer functions to analyze travel dataset with over 1,340 users and 270,000 travel records, identifying key trends that **reduced data trend identification time by 35%** and provided critical insights for optimizing financial services.
- Developed an interactive Power BI dashboard to visualize key performance indicators (KPIs) for customer demographics, flight data, and hotel bookings and executed data-driven strategies that aligned with business goals, driving improved efficiencies across key economies. This analysis helped in **reduction in data errors by 15%**.

Famous Paintings and their Artist Data Analysis using SQL

<https://github.com/anjali-thawani/Famous-Paintings-and-their-Artists>

- Implemented a robust relational database to efficiently store and analyze data on 100+ renowned paintings and their artists, **optimizing data accuracy and handling processes**.
- Conducted a comprehensive analysis of the landscape of artists by nationality, dominant art styles, and subject matter. This improved data handling efficiency and **15% increase in operational efficiency** through advanced data analysis and optimized sorting techniques.

EDUCATION

Master of Science in physics

Govt. Maharani Laxmi Bai Girls College, Barkatullah University - July 2021-may 2023

Bachelor of Science (Physics, Mathematics, Electronics)

Govt. Geetanjali Girls College, Barkatullah University - July 2017-may 2020

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Sindhi
- **Achievements:** Gate Qualified in physics 2024, HackerRank 5 star SQL
- **Certification:** Cisco's Data Analytics Essentials
- **Job Simulation:** JP Morgan Chase & Co. Excel Program