

# ANJALI THAWANI

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## SUMMARY

Aspiring data professional with a Master of Science in Physics, bringing strong analytical and technical skills. Experienced in handling complex datasets and developing insightful visualizations using MySQL, Python, Microsoft Excel, and Power BI. Proven track record in academic and personal projects involving database design, statistical analysis, and data visualization.

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## SKILLS

MySQL

Microsoft Excel

Data Visualization

Python

Power Bi

Statistical physics

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## PROJECTS

### Travel analysis (Power BI, Excel)

July 2024

- Analyze Travel dataset with over one 1000 users and 250 thousand travels to produce insights.
- The top three flight destinations based on the number of flights Florianopolis (SC): 57,317 flights, Aracaju (SE): 37,224 flights and Campo Grande (MS): 34,748 flights. And The destination which has least number of flights is Rio de Janeiro (RJ): 16815

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### Credit Card Data analysis (Excel, data visualization)

July 2024

- Analyze credit card transaction data 26052 customers to identify key spending patterns and provide actionable insights that can help in improving customer satisfaction through targeted marketing, improving business strategies, and customer service. Compared sale prices with regular prices for 200+ paintings, identifying that 30% were sold at a discount.
- There are 59% less transactions in 2015 compared to 2014
- 76% of the total amount spent in 4 cities.

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### SQL Database Project on Famous Paintings and Artists.(SQL, Excel)

June 2024

- Designed and implemented a relational database to store and analyze data on over 100+ famous paintings and their artists.
- Compared sale prices with regular prices for 200+ paintings, identifying that 30% were sold at a discount.
- Calculated and reported average lifespan of artists as 67 years, based on data from the database.

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## Internship

### Data Analysis Intern

April 2023

Govt. Maharani Laxmi Bai Girls College, Barkatullah University

- Analyzed admission data of 422 students across multiple subjects and vocational courses.
- Created detailed dashboard showcasing 130 students (30.8% of total students) enrolled for Chemistry as their major subject and 200 students (47.4%) chose chemistry as minor subjects
- Identified that 30.8% of students (approximately 130 students) received scholarships.

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## EDUCATION

### Master of Science in physics

July 2021-may 2023

Govt. Maharani Laxmi Bai Girls College, Barkatullah University

### Bachelor of Science(Physics, Mathematics, EElectronics)

July 2017 - Aug 2020

Govt. Geetanjali Girls College, Barkatullah University

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## ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Sindhi
- **Achievements:** Gate Qualified in physics 2024, HackkerRank 5star SQL