

# Samala Ritesh Dhyan

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## EDUCATION

### MLR Institute of Technology (2020-2024)

Computer Science and engineering with Data Science(BTech) | CGPA : 8.35

### Sri Chaitanya Junior College (2018-2020)

MPC | Percentage : 95.5%

### Shantiniketan Vidyalaya (2017-2018)

CBSE | Percentage : 80.1%

## PROJECTS

### Blink It Data Analysis and Interactive Dashboard using Power BI | [Link](#)

2024

- Performed data analysis on Blink It application dataset, creating an interactive dashboard to visualize sales trends.
- Analysed total sales of \$1.2M across 8,523 unique items, with fruits and vegetables being the top-selling products.
- Identified 2018 as the highest sales year, with \$205K in sales, and provided insights into customer ratings and average sales per item.

### Chat bot for Arundathi Hospital | [Link](#)

2023

- Developed a chatbot for Arundathi Hospital using Python, implementing natural language processing with NLTK and building a machine learning model with TensorFlow/Keras.
- Engineered a user-friendly GUI with Tkinter, enabling seamless real-time interaction between users and the chatbot.
- Utilized JSON for efficient data management, organizing and storing intents and responses.

### Diwali Sales Analysis using MySQL | [Link](#)

2024

- Utilized **MySQL** and conducted comprehensive **analysis** of Diwali sales data to identify trends and patterns.
- Transformed and filtered data by using aggregating and filtering functions to improve the reporting process.
- Employed various statistical techniques to derive actionable insights from the data.

## CERTIFICATIONS

[Java and Python](#) Un school (Nov, 2021 – Dec, 2021) : Successfully completed an intensive Java and python programming course from Un school Learning, demonstrating a solid understanding of core Java and python concepts. Acquired skills in object-oriented programming, data structures.

[MySQL](#) Coursera (May, 2023 – June, 2023) : Completed MySQL course on Coursera. Acquired a solid understanding of relational database concepts, SQL syntax, and query optimization.

## ACHIEVEMENTS

- [Data Analytics with python](#) NPTEL : Achieved an elite rating for successful completion of the course.
- [Power BI Workshop](#) Techtip24 : Participated in a hands on Power BI workshop conducted by techtip24 learnings which helped me to gain practical knowledge on Power BI.

## TECHNICAL & SOFT SKILLS

- Database** : SQL(MySQL)
- BI Tools** : Power BI(Dashboard making, Data Visualization)
- Programming languages** : Java | Python.