**JYOTIRMAYA MAHARANA**

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**Skills**

MySQL | Python (Numpy,Pandas,Matplotlib,LinearRegression,LogisticRegression) | Tableau | Excel(Statistics)

**Education**

**Bajirout institute of Technology ,Govindpur,Dhenkanal,Odisha**

* Bachelor of Science (B.Sc) in Physics | CGPA: 7.65/10

**DSM college,Bhapur,Dhenkanal**

* CHSE (Class XII), Aggregate: 55%

**Khamarsahi high school,dasapalla,Nayagarh**

* BSE (Class X) ,Aggregate: 67%

**Projects**

**Terro’s Real Estate Agency**

* Conducted **regression** analysis for house price estimation at Terro’s Real-Estate using **Microsoft Excel**.
* Developed initial model using LSTAT as independent variable, followed by an enhanced model incorporating LSTAT and AVG\_ROOM.
* Assessed model performance and generated residual plots for analysis.

**Loan Approval Prediction**

* Predict whether a loan application will be approved or not
* By EDA process make the data clean and by some preprocessing make it as a **Logistic regression**
* Evaluated model performance using a **confusion matrix** to assess its accuracy in predicting loan approvals.

**Film Rental Database Management**

* Developed a robust **SQL-based** Film Rental Database.
* Enabled efficient querying for revenue **analysis**, rental **statistics**, film details, and customer behaviours.
* Showcased expertise in query optimization to meet diverse **analytical** requirements.

**Car Claim For Insurance**

* Created a tableau project on car insurance claims with multiple charts and tables using **Tableau**
* Improved **decision-making** with clear insights, enabling strategic recommendations for insurance operations optimization and risk mitigation.

**CERTIFICATIONS**

[GLCA-DA](https://verify.mygreatlearning.com/verify/VEEDVPSG)  -Provided by GreatLearning