

# JYOTIRMAYA MAHARANA

[GITHUB](#) | [LINKEDIN](#) | [PORTFOLIO](#)

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## Summary

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Diligent and detail-oriented Data Analyst/Business Analyst with expertise in SQL, Excel, Python, Pandas, NumPy, Matplotlib, Power BI, and Statistics. Proficient in datamanipulation, analysis, and visualization. Skilled at translating business requirements intoeffective, data-driven solutions. Effective communicator and collaborative team player, committed to continuous learning and professional development.

## Skills

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- SQL
- Python
- Tableau
- Microsoft Excel
- Data Visualization
- Data Cleaning
- Data Modeling
- Dashboard Creation
- Database Management
- Regression Analysis
- Machine Learning
- Problem Solving

## Education

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### BIET Degree College, Gobindpur, Dhenkanal, Odisha

Oct 2020 – Jul 2023

- Bachelor of Science (B.Sc) in Physics | CGPA: 7.65

## Projects

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### IPL Match Prediction App

- Developed a Python application using machine learning, specifically logistic regression, to predict IPL match winners based on data from 2008-2023.
- Engineered features like Current Run Rate and Required Run Rate to enhance model accuracy.
- **Outcome:** Created a user-friendly Streamlit web app for real-time predictions and interactive visualization of match outcomes.

### Content-Based Movie Recommendation System

- Built a content-based movie recommendation system using Streamlit, recommending five similar movies based on cosine similarity.
- Integrated TMDB API to fetch and display movie posters, enhancing the user experience.
- **Outcome:** Successfully deployed a user-friendly movie recommendation system that enhances discovery and engagement, achieving accurate recommendations with a seamless user experience.

### End-to-End Retail order Data Visualization

- This project focused on analyzing a retail order dataset using the ETL (Extract, Transform, Load) process.
- **Demonstration:** Extract the data from Kaggle API through Python for cleaning and transformation, then loaded into SQL database for structured querying, culminating in visual presentation using Tableau, resulting in an interactive and stunning dashboard.

### Indian Squad 2024 Dashboard

- This Visualizes IPL statistics of Indian players nominated for the T20 World Cup 2024 using Tableau.
- **Features:** Dynamic player images that change based on the selected player, alongside KPIs for batting and bowling, and visualizations including 4s, 6s, matches played, and comparative line charts for key metrics.

## CERTIFICATIONS

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[GLCA-DA](#) -Provided by GreatLearning

[LearnTube](#) – Provided by CareerNinja