

# PAYAL PATTNAIK

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## CAREER OBJECTIVE

As a passionate and motivated data analyst i am eager to leverage my skills and knowledge to help organization by digging deep into complex datasets to uncover valuable insights that drive business decisions.

## EDUCATION

- **Maharshi College Of Natural Law, Bhubaneswar**
- B.com (Accountancy Hons) with 7.91 SGPA \_\_\_\_\_ Aug 2022
- **Army Public School, Meerut Cantt**
- 12th standard with 8.0 CGPA \_\_\_\_\_ Mar 2019
- 10th standard with 9.0 CGPA \_\_\_\_\_ Mar 2017

## PROJECTS

### 1. OPTIMIZATION OF KIT ITEM DISTRIBUTION: -

- **Business Problem:** A leading automotive manufacturer, facing difficulty in efficiently sourcing and providing unique kit items from various vendors to meet customer demands.
- **Business Solution:** Employed a comprehensive strategy involving data collection, cleansing, and preprocessing using SQL and Python, followed by insightful analysis and visualization with Tableau to enhance the efficiency of kit item distribution.
- **Technology Stack:** Python, SQL, Pandas, Tableau, Power BI, Excel, Google Looker Studio
- **Business Benefits:** Minimized the delay by 10% and achieved a cost saving of at least \$1M.

### 2. EDA FOR HEALTHCARE DATA:-

Revealed **80%** attendance among pediatric patients, with **80%** consistency across neighborhoods. Identified higher attendance rates (**80%**) among patients lacking scholarships, hypertension, or diabetes, with minimal weekend appointments.

### 3. AMAZON GLOBAL DASHBOARD IN POWER BI: -

The Amazon Global Dashboard project of the year 2012-2015 revealed a sales projection of **12.64** million units and a KPI of **178K**, with returns totaling **1464**. Sales were highest in the customer segment, notably in the Asia Pacific market, while strategic customer relationships drove profits. Europe emerged as the top sales region, with insights into product profitability guiding strategic decisions.

### 4. SQL SWIGGY SOLUTION PROJECT: -

- Determined the city with the highest restaurant density, vital for market targeting.
- Identified prevalent menu items like "Pizza" and the most common cuisine, aiding menu planning.
- Provided crucial data on average ratings, prices, and menu categories, guiding strategic decisions for restaurant operations and customer satisfaction.

## SKILLS & INTERESTS

**Analytical Tools:** Power BI, Excel, Problem Solving, Statistics, Data Cleaning, Exploratory Data Analysis.

**Database:** MySQL, PostgreSQL

**Programming Languages:** Python, R

**Libraries:** NumPy, Pandas, Matplotlib, Seaborn

**Interests:** Data Analytics, Data Visualization

## CERTIFICATION

- SQL from Great Learning
- Python from 360digitmg
- Data analytics using Excel from great learning
- Power BI from 360digitmg
- Data analyst certificate from 360digitmg
- Data Scienceintern certificate from Prodigy Infotech
- SAP from great learning
- Tableau from great learning

## EXPERIENCE

### **Data science intern at Prodigy Infotech (Feb 2024 - Mar 2024):-**

During my internship at Prodigy Infotech, I honed my data science skills by tackling real-world challenges in data analysis and visualization. I gained practical experience in handling large datasets, implementing predictive models, and communicating insight effectively. I have completed 4 projects in this internship that cover my Data analytics skills (Python, SQL, EDA, Power BI). This opportunity equipped me with valuable expertise to excel in future data-driven roles