**ASHISH KUMAR SWAIN**

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**SUMMARY**

Recent graduate and Business Development Engineer Trainee with a strong interest in data analytics and business intelligence. Passionate about uncovering insights from data to support strategic decision-making and operational growth. Currently building skills in data visualization, Excel, SQL, and Python to bridge business development goals with analytical solutions. Eager to contribute as a data analyst by combining commercial awareness with technical proficiency

**SKILLS**

**Data Analysis & Visualization:** Excel, Power BI, Tableau, Matplotlib, Seaborn

**Programming & Scripting:** Python (Pandas, NumPy), SQL

**Database Management:** MySQL, PostgreSQL

**Statistical Analysis:** Data Cleaning, EDA

**Soft Skills:** Problem-Solving, Critical Thinking, Communication Attention to Detail

**EDUCATION**

* **Bachelors Of Technology in Civil Engineering**Gandhi Institute For Technology, Bhubaneswar, Odisha Nov 2021 – July 2025

**WORK EXPERIENCE**

**Business Development Engineer Trainee**  
*Nuvoco Vistas Corporation Limited*  
*JULY 2025 – Present | Jharsuguda, Odisha*

* Use Excel daily to clean and summarize sales data, track orders, and prepare reports. Support business decisions by identifying trends in product movement and customer demand through basic data analysis.

**PROJECTS**

**1. Customer Shopping Behavior Dashboard (Power BI, SQL, Python),** [**LINK**](https://github.com/ashish-swain/Customer_Shopping_Behavior-.git)

• Built interactive Power BI dashboard to visualize customer segments, product trends, and revenue drivers  
• Used Python for data cleaning, feature engineering, and PostgreSQL integration  
• Executed SQL queries to analyze purchase behavior, subscription impact, and product performance across 3,900 transactions

**2. Netflix Movie Analysis (Python, Pandas, Seaborn), EDA,** [**LINK**](https://github.com/ashish-swain/Netflix-Movie-Analysis-Python-Pandas-Seaborn-EDA.git)

• Analyzed 9,800+ movie records to explore genre trends, popularity, and voting patterns  
• Cleaned and transformed data: handled datetime formats, removed irrelevant columns, categorized vote averages, and exploded multi-genre entries  
• Visualized genre distribution, vote categories, and release year trends using Seaborn  
• Identified top genres (Drama, Comedy, Action), most popular movie ("Spider-Man: No Way Home"), and least popular titles by year and genre

**3. Diwali Sales Analysis (Python, Pandas, Seaborn),** [**LINK**](https://github.com/ashish-swain/Diwali-Sales-Analysis-Python-Pandas-Seaborn-.git)

• Analyzed 11,200+ retail transactions to uncover customer demographics, purchasing patterns, and product performance  
• Cleaned and transformed data: handled nulls, renamed columns, converted data types, and grouped categorical features  
• Visualized trends across gender, age group, state, marital status, occupation, and product category  
• Identified key buyer segment: married women aged 26–35 from UP, Maharashtra, and Karnataka working in IT, Healthcare, and Aviation  
• Top-selling categories: Food, Clothing & Apparel, Electronics & Gadgets

**4. Pizza Sales Analysis (SQL, Excel),** [**LINK**](https://github.com/ashish-swain/Pizza-Sales-Analysis-SQL-Excel-.git)

• Analyzed KPIs: revenue, orders, quantity, avg order value  
• Explored daily/hourly trends, category & size sales share  
• Identified top 5 and bottom 5 selling pizzas  
• Built Excel dashboard with pivot tables and formulas for insights

**5. Pizza Sales Analysis (Python),** [**LINK**](https://github.com/ashish-swain/Pizza-Sales-Analysis-Python-.git)

• Analyzed 48K+ pizza transactions to uncover sales trends, customer behavior, and product performance  
• Calculated KPIs: $817K revenue, 49K pizzas sold, 21K orders, $38.31 avg order value, 2.32 pizzas/order  
• Explored daily, hourly, and monthly trends in orders and revenue  
• Identified top-selling pizzas by quantity, order count, and revenue  
• Visualized sales distribution by category, size, and ingredients using bar charts, heatmaps, and donut plots

[**CERTIFICATIONS**](https://github.com/ashish-swain/CERTIFICATIONS)

* EXCEL: DATA ANALYSIS – Linked in learning
* SQL Essentials – Linkedin learning
* Tableau Essential Training – Linkedin learning
* Data Analyst Bootcamp – Alex The Analyst