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

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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

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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

• 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

• 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

• 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

• 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

• 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

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