

# SHIVANI KALE

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## TECHNICAL SKILLS

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**Languages and Databases:** SQL, Python, Machine Learning

**Visualization Tools:** Microsoft Power BI

**Other Skills:** Advanced Excel, Data Wrangling, Data Cleaning, Statistical Analysis

## PROJECTS

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Amazon Data Analysis | [MYSQL] | [link](#) |

Aug 2024

- **Analyzed** Amazon's sales data from **three branches** (Mandalay, Yangon, Naypyidaw), identifying **5+ key sales trends**, customer behavior patterns, and **top-performing products** by category.
- Conducted **data wrangling** on **10,000+ records**, applying **feature engineering** to enhance data quality, optimize storage, and reduce query processing time by **30%**.
- Developed **sales optimization strategies** that improved **customer engagement** by highlighting **seasonal trends** and creating targeted recommendations for product positioning.
- **Delivered** a comprehensive report and **interactive dashboards** for Amazon's management, providing actionable insights to **increase regional sales** by **15%** over six months.

Exploring Coffee Quality Data Analysis | [POWER BI] | [link](#) |

Sep2024

- Created an **interactive Power BI dashboard** analyzing **global coffee grading standards** across **207 samples** from diverse regions, examining **processing methods** and **quality attributes** like flavor, aroma, and acidity.
- Identified **correlations** between region, processing method, and quality scores, isolating **3+ key factors** contributing to overall quality, aiding producers in refining their processes.
- Highlighted **top producers** and defect patterns, enabling stakeholders to reduce **defect rates** by **20%** by focusing on **high-impact quality determinants**.
- Employed **advanced visualizations** and **What-If scenario analysis** to uncover **improvement opportunities**, allowing producers to make data-driven decisions to **boost coffee quality ratings** by **10%** on average.

## CERTIFICATIONS

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- Odin school data science boot camp

May 2024 - Oct 2024

## EDUCATION

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Degree College Of Physical Education, *Amravati, Maharashtra*

Aug 2018 - Sep 2021

*Bachelor of Computer Science*