AJAY SURVE

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SUMMARY

Analytical professional with a proven record of turning data into strategy. Expert in SQL, Python, Power BI and Tableau, with deep experience driving business outcomes through workflow automation, predictive modeling and data visualization. Trusted partner to cross-functional teams in finance, retail and brand protection.

PROFESSIONAL EXPERIENCE

Data Analyst, Corsearch, India (February 2024 – August 2024)

- Architected and maintained scalable ETL pipelines using SQL, Python, and Informatica, processing over 15M+ brand data records across 30+ countries.
- Built and maintained data models and warehouse schemas, enabling real-time reporting for brand protection insights.
- Defined 12+ KPIs with Danone's legal ops team; migrated 20+ Excel trackers into structured Power BI models.
- Partnered on internal innovation pilots involving AWS S3, Glue, and Athena, contributing to cloud-based analytics migration strategy.

Data Associate, Hansa Cequity, India (March 2023 – August 2023)

- Designed and deployed end-to-end data pipelines using SQL, PL/SQL, and HiveQL to manage over 200M+ financial transactions monthly.
- Utilized SparkSQL and KornShell scripting to automate batch processing workflows, improving processing speed by 50
- Ensured regulatory compliance and consistency by streamlining multi-source data integration from 8+ systems into a centralized warehouse.
- Piloted analytics enhancements on AWS EMR and Hive, reducing query times on large datasets by 30

Business Analyst, Vagmine Marine, India (January 2022 – Mar 2023)

- Designed Tableau dashboards for marketing and ops KPIs.
- Optimized SQL workflows, cutting data extraction time by 40%.
- Analyzed e-commerce data for pricing, forecasting, and segmentation.

Intern, Aeromarine PVT LTD, India (May 2021 – November 2021)

EDUCATION

- **MS in Business Analytics, WP Carey School, ASU (August 2024 - May 2025)**
  - Relevant Coursework: Machine Learning in Business, Cloud Analytics, Supply Chain Analytics, Analytical Decision Modeling, AI and Data Analytics.
- **BE in Electronics, DY Patil College of Engineering (August 2017 - May 2021)**

CURRENT PROJECTS

Dividend Harvesting (January 2025 – May 2025)

- Built Python ETL for 10 yrs of dividend and OHLC data across 50 stocks; achieved 96% signal accuracy and 10–12% ROI.
- Deployed LSTM-based Streamlit dashboard with calendar view and confidence intervals for 6–10 day trade forecasting.

Student Performance Prediction (August 2024 – Dec 2024)

- Built Python ETL for 5K+ students; flagged at-risk profiles with 93% accuracy.
- Developed RF, SVM, LSTM models for mental performance forecasting.

SKILLS

Technical: SQL (Teradata, Trino, PostgreSQL), Python, Excel, Tableau, Power BI, APIs, Salesforce, Git, Jupyter, SSIS, SSRS, Dynamics 365 CRM, Power Automate, Hive, Spark, Hadoop, AWS S3, EMR, Athena, HiveQL, SparkSQL, Agile, JIRA, Talend, Azure, Synapse analytics **Analytics/Modeling:** A/B testing, KPI tracking, cohort analysis, forecasting, anomaly detection, regression, clustering **Business/Communication:** Stakeholder reporting, requirement gathering, data storytelling, agile, presentation skills.