JONAH CHAWRE

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PROFESSIONAL SUMMARY

Data Analyst | Business Analyst | BI Analyst | Junior Data Scientist | SQL Data Analyst | Python Data Analyst

Results-driven data professional with proven expertise in Python (Pandas, NumPy, Matplotlib), SQL (joins, CTEs, window functions), Excel, Power BI, and Tableau for comprehensive data analysis and business intelligence solutions. Demonstrated success in ETL pipeline development, data wrangling, forecasting, predictive analysis, and data warehousing with quantified impact on reporting accuracy and operational efficiency. Expertise in dashboard automation, KPI tracking, and decision support systems. Seeking to leverage advanced analytics skills and business intelligence expertise to drive data-driven decision making in dynamic organizational environments.

CORE SKILLS

Programming & Tools

Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (joins, CTEs, window functions, subqueries), Excel (VBA, Power Pivot), Power BI (DAX, Power Query), Tableau (calculated fields, parameters)

Data Management & Engineering

ETL Pipelines, Data Wrangling, Data Modeling, Data Warehousing, Power Query, DAX Measures, Data Pipelines, Data Integration, Data Governance, Database Management

Analytics & Statistical Methods

Data Cleaning, Data Visualization, Statistical Analysis, Forecasting (ARIMA, exponential smoothing), Predictive Analysis, A/B Testing, Business Forecasting, Trend Analysis, Regression Analysis, Hypothesis Testing, Machine Learning (supervised/unsupervised)

Business Intelligence & Communication

Business Intelligence (BI), Dashboard Development (interactive dashboards, slicers, drill-through), KPI Tracking, Financial Reporting, Stakeholder Reporting, Metrics Development, Decision Support Systems, Cross-functional Collaboration, Data Storytelling

PROFESSIONAL EXPERIENCE

Data Analyst | Maa Sharda Agency | Aug 2024 – Present | Nagpur, India

• Conducted comprehensive statistical analysis and data mining on customer and financial datasets utilizing SQL queries (joins, CTEs, window functions) to identify trends, patterns, and anomalies, improving reporting accuracy by 25%

• Developed and deployed interactive BI dashboards in Power BI and Excel featuring real-time KPI tracking, DAX measures, slicers, and drill-down functionality for executive decision-making and performance monitoring

• Engineered and automated ETL pipelines and recurring reporting processes using Python (Pandas, NumPy) and SQL, reducing manual processing time by 10+ hours weekly and improving data pipeline efficiency

• Applied advanced forecasting techniques including ARIMA modeling, business forecasting, and predictive analysis to support strategic planning, demand forecasting, and operational optimization

• Collaborated with cross-functional stakeholders to gather business requirements and delivered actionable insights through executive presentations, dashboard visualizations, and comprehensive data analysis reports

KEY PROJECTS

Netflix Data Analytics Project | Aug 2025 | GitHub: github.com/JonahCha/netflix-data-analytics

• Analyzed comprehensive dataset of 8,800+ Movies & TV Shows using Python (Pandas, Matplotlib, Seaborn) with advanced data wrangling, time-series analysis, and statistical grouping techniques

• Performed multi-dimensional analysis across genres, countries, and release years using SQL aggregations and statistical methods to uncover content distribution patterns and market trends

• Identified 30% growth in non-English content over the last decade through trend analysis, regression modeling, and statistical significance testing

• Created compelling data visualizations and analytical storytelling using Matplotlib and Seaborn to communicate complex insights to non-technical stakeholders effectively

Sales & Revenue Dashboard | Aug 2025 | GitHub: github.com/JonahCha/Sales-Revenue-Dashboard-Power-BI-Excel-Python

• Architected comprehensive interactive BI dashboard using Power BI, Excel (Power Pivot), and Python for revenue growth analysis, profitability tracking, and regional sales performance monitoring

• Implemented advanced Power BI features including DAX measures, calculated columns, slicers, drill-through functionality, and geographic filtering to enable department-level analysis and decision-making

• Automated ETL processes and reporting pipelines using Python and SQL, reducing monthly reporting cycle time by 40% and establishing standardized KPI definitions across organizational departments

• Enabled real-time data-driven decision making through performance monitoring dashboards, trend analysis, and predictive forecasting capabilities for executive leadership team

EDUCATION

Rashtrasant Tukadoji Maharaj Nagpur University | 2022 – 2026

Bachelor of Engineering (Mechanical Engineering)

Relevant coursework: Advanced Statistics, Mathematical Modeling, Data Analysis, Problem-Solving Methodologies, Engineering Mathematics

IBM Data Analyst Professional Certificate | Coursera | 2025

Comprehensive training in data analysis, SQL, Python, data visualization, and statistical analysis methodologies

CERTIFICATIONS

- **IBM Data Analyst Professional Certificate** | Coursera | 2025
- **Career Essentials in Data Analysis** | Microsoft & LinkedIn | 2025
- **Data Scientist Professional Certificate** | DataCamp | 2025–2027
- **Data Scientist Associate Certificate** | DataCamp | 2025–2027
- **Excel Basics for Data Analysis** | IBM | 2025
- **Introduction to Data Analytics** | IBM | 2025

TECHNICAL PROFICIENCIES

Programming Languages: Python, SQL, VBA, R (basic)
Database Systems: MySQL, PostgreSQL, Microsoft SQL Server, SQLite
BI & Visualization Tools: Power BI, Tableau, Excel (Advanced), Google Analytics
Cloud Platforms: Microsoft Azure (basic), AWS (basic), Google Cloud Platform (basic)
Development Tools: Git, GitHub, Jupyter Notebooks, VS Code, SQL Server Management Studio