HRISHANK CHHATBAR

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SUMMARY

Detail-oriented Data & Product Analyst with **1+ years of experience** in business intelligence, experimentation, and cross-functional collaboration. Adept at translating complex data into actionable insights through **SQL**, **Excel**, **Python**, and **Tableau/Power B**I, driving measurable outcomes like 40% faster data prep and 20% improved forecast accuracy. Proven ability to partner with Product, Engineering, and Design teams to build intuitive **dashboards** and A/B testing frameworks that enhance customer experiences and operational decision-making.

EDUCATION

University of Southern California (USC)   Los Angeles, CA
Master of Science in Engineering Management.   Dec 2025
Minor in **Business Analytics** from USC Marshall School.   *GPA: 3.8*
Relevant Subjects: Statistics for Engineering Managers, Applied Time Series Analysis for Forecasting, Data Warehousing Business Intelligence and Data Mining, Designing Spreadsheet-Based Business Models, Driving Business Transformation with Gen-AI and ML.

SKILLS

- **Technical Skills:** | **Programming:** Python, SQL, R, Java | **Visualization:** Power BI (DAX), Tableau, Excel | **Big Data/ETL:** Hadoop, Spark, ETL Pipelines | **Cloud:** Azure Cognitive Services | **Machine Learning:** TensorFlow, PyTorch, Scikit-learn, GPT-3.5, Keras, NumPy. |

- Soft Skills: Cross-Functional Leadership, Stakeholder Management | **Problem-Solving:** Process Optimization, Strategic Decision-Making |**Communication:** Client-Facing Negotiation, Requirements Gathering.

WORK EXPERIENCE

Ideas Revenue Solutions   India
Business Analyst – G2 Casper Product Analyst   Jan 2023-Aug 2023

- Conducted causal inference analysis and **A/B testing** using **Python** (Pandas, Stats-Models) and SQL to optimize pricing models, improving forecast accuracy by 20% and supporting data-driven pricing decisions.
- Built automated **ETL pipelines** with Apache Spark and Hadoop, reducing manual regression testing by 40% and enabling real-time data integration for cross-functional teams.
- Designed dynamic **Power BI** dashboards with **DAX** queries and NumPy-based predictive models, increasing forecast accuracy by 25% and driving $80K+ revenue growth.

RWTH International Academy   India
Research Data Analyst – Supply Chain & Predictive Analytics   Sep 2022-Dec 2022

- Created **predictive models** for logistics optimization, utilizing **Python**, **SQL**, and Scikit-learn to process **sensor data** from over 200 trucks, increasing delivery reliability by 10% and reducing delivery time variance.
- Collaborated closely with operations and supply chain teams to integrate **user feedback**, optimizing route planning through advanced time series models and improving **logistics performance** by 15%.
- Built custom real-time dashboards in **Power-BI**, providing leadership with live metrics on fuel efficiency, traffic patterns, and compliance rates, which improved fleet management efficiency by 20% and facilitated quicker decision-making.

Volkswagen Group Technology Solutions (VW Group)   India
Data Automation & Optimization Analyst-: Bentley RPA Team   Apr 2022-Oct 2022

- Developed Python/Java-based automation workflows using **Azure Form Recognizer** and **Automation Anywhere 360 (AA360)** to extract critical data from foreign-language invoices, improving data accuracy by **30%** and enabling **global scalability** for cross-regional teams.
- Designed reusable automation modules in **Gradle** for AA360, reducing development time by **20%** and accelerating deployment across engineering, procurement, and operations teams.
- Partnered with product and design teams to create **data workflows** and **dashboards** that enhanced user adoption by simplifying key performance metrics **(KPIs)** and improving the user experience of automated reports.

PROJECTS

NLP -Based Structured Data Insights Platform   June 2023

- Developed a Python/Streamlit platform using **GPT-3.5** and **spaCy** to automate unstructured text analysis, reducing manual effort by **50% Utilized visualization libraries** such as Matplotlib and Seaborn to plot decision trees and logistic regression graphs, creating interactive dashboards with Streamlit and Tableau, **enabling leadership to gain real-time insights** for faster strategic actions.

LEADERSHIP EXPERIENCE

- **Vegapod Hyperloop:** Led 10 engineers to design avionics systems for an Hyperloop pod using **Agile methodologies**, improving team productivity by **25%** and ensuring compliance with safety standards.
- **Association of Indian Students (AIS)** at USC: Negotiated **Sponsorship** deals as the Director valued at $15,000+ for key university events by identifying mutually beneficial partnership opportunities, revamping visibility and reputation of organization among local businesses.