PANKTI CHOKSHI – Data Analyst

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* Data analyst with 5 years of expertise in o, data analysis, and statistical programming. Proficient in SAS (Base, Enterprise Guide, Studio), SQL, and Tableau, with a keen eye for abnormal results and a proactive approach to optimizing data delivery. Highly skilled in problem-solving, managing multiple projects with critical deadlines, and adapting to fast-paced and changing environments. Strong analytical skills combined with excellent interpersonal and organizational skills.
* **Core Competencies**: Statistical Software : **Python**(NumPy, pandas, matplotlib, SciPy, etc.), R, **SAS** (Base, Enterprise Guide, Studio), **SQL**, Microsoft Office Tools : **MS Excel** (Lookup formulas – VLOOKUP, XLookup; Pivot Table and Graph), Advanced SQL , EDA, Data Manipulation and Data Analysis : **Power BI**, **Tableau**, Snowflake, MS SQL Server, Power BI Integration**, ETL**, **Machine Learning** (in-depth understanding of ML algorithms), Data Structures & Algorithms ,Time Series Forecasting, Inferential Statistics, Predictive Analytics & Reporting, Databricks, Scikit-learn, Seaborn, Statsmodels, A/B testing, NLP**, Supply Chain**, Procurement Specialist, Fleet Management, People Analytics, Finance, Auditing, data management and project planning
* **Certified Business Analyst from Western Illinois University since December 2021.**
* **Certified Procurement Spend Analyst from Caterpillar INC since February 2023.**
* **Certified SAS programmer, Coursea.**

## EDUCATION

Western Illinois University, Moline, IL **(January 2020 - December 2021)**

**Master of Computer Science**

**Major :** Applied Statistics and Decision Analytics

EXPERIENCE

# Caterpillar Inc Peoria, IL, USA

**Data Analyst July 2023**

* Collaborated with cross-functional teams and stakeholders to forecast parts pricing and sales variance results, leveraging Aftermarket business insights.
* Analyzed and reconciled global sales variance data from multiple sources using SQL, Snowflake, and general ledger systems; identified inefficiencies and implemented corrective actions resulting in a 15% reduction in sales discrepancies and improved financial accuracy company wide.
* Built advanced Statistical models for future forecasting using diverse buyer's price and sales variance data.
* Delivered strategic business insights via presentations for monthly business reviews.
* Enhanced forecasting processes using Machine Learning techniques for Parts Pricing & Sales Variance.
* Conducted ad hoc reporting analysis and contributed to special projects.
* Serviced additional job duties as assigned by Caterpillar management.

Skills : Python, SQL, Snowflake, Power BI, MS Excel, ACF2, Tableau

**Business Data Analyst June ‘22- June 2023**

* Developed comprehensive interactive dashboards featuring scorecards, integrating KPI tracking, DAX formulas, and Power Query to diligently monitor Supplier Shipping Performance (SSP).
* Employed regression analysis for accurate future forecasting, contributing to the Supplier Resilience Project within a dedicated Power BI site.
* Leveraged Power BI, Power Apps, and SQL to meticulously analyze suppliers' long-term and short-term goals, resulting in the achievement of shipment targets for over 100 distinct suppliers across various parts.
* Created visualizations in ggplot2 and Tableau for order and demand charts.
* Utilized analytical expertise to strategically identify Potential Suppliers aligned with future requirements, leading to the creation of comprehensive Power BI Dashboards.
* Utilized Machine Learning to forecast Supplier’s Shipping Performance, Health, and Part’s Due Date.
* Integrated data using Power BI and Snowflake, leveraging SQL and Python for manipulation.
* Managed multiple projects concurrently, collaborating with cross-functional teams, stakeholders, and business partners.
* Designed individual SharePoint site for Earth Moving Facilities, facilitating information access.
* Presented weekly governance updates using visual charts and PowerPoint to the higher management.
* Managed the Obeya Project, generating and presenting weekly reports to management through graphs and metrics.

Skills : Python , SQL, Tableau, Power BI, MS Excel, Power APPS, SharePoint, Lognet

# Wheels Inc Remote, IL, USA

**HR Data Analyst Mar ‘22 – Mar ‘ 23**

* Worked on different HRIS systems like iCIMS and Workday to collect, transfer and analyze the data.
* Simplified different HR Data- merging two company’s data using different analyzing tools such as Excel –Power Query, Tableau to share accurate results that identifies trends and insight of the organization to the HR managers.
* Reorganized and maintained a HR data dictionary and meta data.
* Designed robust, scalable databases and devised comprehensive data extraction, transformation, and loading (ETL) solutions.
* Led communication across various business lines and technology partners, consistently monitoring, collecting, reviewing, and mapping evolving business data requirements and technology solutions.
* Competently executed various data-related tasks, encompassing data design, data quality, metadata management, data governance, and data architecture.
* Built Compensation(Salary/Remuneration) model, Cost Models, EIBs for PTO, Historical Data, employees performance review, I-9 form etc.; for two different companies – later merged into one by using different programming language like python and SQL and visualization tool Microsoft Power BI.
* Using good experience of Excel, SharePoint, Microsoft Teams, and Outlook to maintained daily tasks.
* Developed a root cause report to address problems with managers and directors of the company.

 Skills : Workday , iCims, MS Excel, Tableau, Power Query, SQL, Python, Oracle

# Asopalav Pvt Ltd Vadodara, India

**Accounting Data Analyst April ’15 – Dec ‘18**

* Secured high-value accounts by 120% more through consultative selling, effective customer solutions and promoting compelling business opportunities.
* Introduced new processes to improve account and market tracking for better data analysis.
* Prepared, updated, and enhanced metadata policies, processes, and catalogs to ensure data governance.
* Identified key entry points to enhance market penetration and effectively transformed data to increase profitability.
* Mined and analyzed data from company databases to drive optimization and improvement of value proposition, product development, marketing techniques and business strategies.
* Conducted thorough data audits to ensure accuracy and integrity of financial information, identifying discrepancies and implementing corrective measures to enhance data quality and support decision-making processes.
* Performed data cleaning and feature selection using Scikit-learn package in python.
* Responsible for maintaining CI/CD pipelines and deploying new builds for managing the facility shared data on the production clusters and monitoring the applications.
* Developed and executed comprehensive data analysis projects within Salesforce, leveraging advanced querying and reporting functionalities to identify trends, optimize processes, and enhance overall data-driven decision-making.

Skills: Tableau, python, SQL, AWS, SAP, MS Excel, Salesforce

## CERTIFICATIONS

* Machine Learning A-Z using Python, Udemy
* Advanced SQL for Data Scientists, LinkedIn
* Google Cloud Big Data & ML fundamentals
* Time Series Analysis in Python, Udemy
* SAS Programmer, SAS, Coursera
* R programming 6 certificates, Datacamp

## PROJECTS

* Analyzing the results of the impact of Covid-19 cases rate on the economy in the USA with the help of the “OwidCovid-19 Data” by using SAS language to build the econometric model.
* By using big data technologies, analyzed the “World Happiness report of 2019” using appropriate data on the Dataiku platform, - Fall 2021.
* Analyzed the empirical results for the research project of “Skilled Based Data” using R language in R-studio during the period of Spring 2021.
* Statistical analysis and model building using XLMiner for the topic of “Monthly Payment of the Houses in Silvis, Illinois area” during the period of Fall 2020.
* Analyzed the case study of “Public Health Care of Chicago Community Areas” using Tableau during the period of Spring 2020.
* Created the project report using the data of “US Open male 2013” for the “Tennis Major Tournament Match” using python language in Jupyter during the period Spring 2020.

## ACHIEVEMENTS, HOBBIES

* Cleared Chartered Accountancy Level 1 exam attempted by 100,000 aspirants every year.
* Besides all the study related achievements, actively volunteering at the non-profit organization named “Art of Living.”
* Passionate about my career as well as hobbies such as drawing and dancing.
* Performed folk dance in different states of India to represent the culture of the country-India.
* Like to play chess with friends and family on weekends and holidays.

SOFT SKILLS

* **Attention to Detail**
* **Business Acumen**
* **Critical Thinking**
* **Presentation Skills**
* **Communication**
* **Collaboration**
* **Leadership**
* **Problem Solving**
* **Fast Learner**
* **Emotional Intelligence**
* **Time Management**
* **Initiative (Proactively)**