

## Chandana Kolli

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### Summary

Detail-oriented Data Analyst with over 3 years of experience in developing and delivering high-impact data visualizations and reports using tools like Looker, Tableau, and Power BI. Advanced SQL expertise with a strong foundation in data modeling, cleaning, transformation, and analytics. Proficient in translating ambiguous business requests into actionable data solutions. Experienced in Python, statistical analysis, and embedded analytics. Adept at working across cross-functional teams to drive insight-driven decisions in fast-paced environments.

### Technical Skills

**Programming Languages:** Restful API, Python, R, Java, SQL, C, JCL, GitLab, Power BI, Unix  
**Machine Learning:** Linear Regression, SVM, Random Forest, k-NN, Decision Trees, Naive Bayes, PCA, Clustering, AdaBoost  
**CRM Platforms:** Salesforce, HubSpot (basic exposure)  
**Analytics & Tracking Tools:** Google Analytics  
**Microsoft Office:** Excel, Word, PowerPoint, Pivot tables, VLOOKUP table  
**Cloud Platforms:** Azure, AWS, GCP  
**Web Development:** HTML, CSS, XML  
**Automation Tools:** RPA, UI Path  
**Libraries:** NumPy, Pandas, Matplotlib, Seaborn, SciPy, Flask, Simulink, R Shiny  
**CI/CD Pipelines:** Jenkins, Docker, Kubernetes, Terraform, Azure, Ansible  
**Statistical Tools:** SPSS, SAS  
**Database Management:** SQL, NoSQL (Indexing, Optimization, Data Modeling)  
**Data Warehousing:** Snowflake, Minitab  
**Business Intelligence:** Power Bi, Tableau, Business strategy, Looker

### Education

<b>Kent State University, Kent Ohio</b>	Graduated: May 2024
Master of science: Data science	GPA: 3.65/10
<b>Shri Vishnu Engineering college, Andhra Pradesh, India</b>	Graduated: July 2020
Bachelor of Technology: Computer Science	GPA: 8.21/10
<b>A.A.N.M &amp; V.V.R.S.R Polytechnic college</b>	Graduated: Apr 2018
Diploma: Computer Science	Percentage: 95/100

### Professional Experience

<b>INFOSYS LIMITED</b>	Feb 2020– Jan 2023
Data Analyst   Full Time	Hyderabad, Telangana
<ul style="list-style-type: none"><li>Gathered and analyzed reporting requirements from cross-functional teams to design robust dashboards and reports using Power BI and SSRS.</li><li>Developed and deployed enterprise-scale dashboards and reports using Power BI, integrating data from SQL Server, Excel, and CRM systems.</li><li>Designed, developed, and maintained SSRS and Power BI reports and dashboards to provide actionable business insights and track KPIs.</li><li>Built and maintained SSIS packages for ETL processes to load and transform data into a centralized data warehouse.</li></ul>	

- Leveraged advanced DAX functions in Power BI Desktop and Power Pivot for in-depth data analysis, enabling more accurate forecasting and reporting.
- Applied transformations in Power Query Editor to prepare datasets for detailed reporting and analysis.
- Worked closely with data architects and end users to design dimensional models using Kimball methodology, supporting performance-optimized reporting.
- Wrote advanced T-SQL scripts, stored procedures, and views to prepare clean, queryable datasets for BI solutions.
- Delivered training and documentation to operations and support teams to transition BI solutions into production.
- Managed project timelines, prioritized tasks using Agile methodology (Jira), and aligned solutions with business objectives.
- Worked closely with logistics and finance data teams with exposure to Infor M3 ERP systems for aligning reporting metrics and supply chain KPIs.
- Partnered with sales and finance teams to analyze evolving forecast pipelines and customer demand.
- Developed and maintained Excel-based forecasting models supporting volume and revenue planning.
- Automated financial reporting workflows and integrated BOM data into ERP systems to support production planning.

## **MINDTREE LIMITED**

Nov 2019 – Jan 2020

DevOps Intern | Remote

- Developed and deployed enterprise-level web applications using HTML, CSS, JavaScript, and Flask, aligned with Agile sprints.
- Worked on cloud deployment using AWS and basic automation with Azure pipelines, contributing to CI/CD and DevOps practices.
- Assisted in the development and debugging of internal mobile applications, ensuring cross-platform compatibility and usability.
- Developed automated CI/CD pipelines using Jenkins, terraform and Git for cloud-based application deployment and version control.
- Worked on containerizing applications using Kubernetes and assisted with basic AWS service deployment for internal projects.
- Utilized Salesforce CRM data in reporting pipelines to extract customer insights and improve campaign performance.

## **Projects & Workshops**

### **Cancer Cell Identification Model**

Jan 2020

- Developed a model that helps in identification of Cancer cells inside the body without any implantation problems.

### **Intelligent Alcohol Detector**

Nov 2017

- Built a model using IOT and sensors to avoid accidents due to dizziness of driver and heavy alcoholic consumption.

### **Location-Based Vehicle Delivery Insights**

Oct 2020

- Designed dashboards to track vehicle delivery metrics using geospatial data [Alteryx], integrating Power BI and SQL for actionable insights.

**Stock Market Prediction**

Dec 2023

- Built time-series models (ARIMA, Prophet) in R to forecast stock trends and inform trading strategies.

**Automated classification of Harmful brain activity patterns in EEG signals**

jan 2024

- Integrates multi-channel EEG signals into image representations to enhance seizure detection using a RNN.

**Customer Behavior Analysis Using HDFS and MapReduce**

Apr 2024

- To analyze large-scale e-commerce transaction data to extract actionable insights on customer behavior, sales trends, and product performance using the Hadoop ecosystem.

**Certifications**

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- Coursera – Introduction to Programming, Machine Learning, AI ForEveryone
- Infosys - Machine Learning A-Z™: Hands-On Python & R In Data Science
- Automation Anywhere: Advance RPA(Robotic Process Automation) Professional
- APSSDC – ARC (Applied Robotic Control)