

CHINMAYI MANGESH RANE

(405) 894-8071 | chinmayirane3@gmail.com | linkedin.com/in/chinmayi-rane | github.com/rane-chinmayi

EDUCATION

Oklahoma State University, Stillwater, OK Expected Jun 2024
Master of Science in Management Information Systems GPA: 3.9 / 4.0
Courses: Data Analytics in Python/R, Data Warehousing, Data Visualization in Tableau, Statistics for Data Science, Predictive Analytics Technologies, Prescriptive Analytics, Scripting Essentials

Sardar Patel Institute of Technology, Mumbai, India Jun 2022
Bachelor of Technology in Electronics & Telecommunication Engineering GPA: 3.7 / 4.0

TECHNICAL SKILLS

- **Languages:** SQL, Python, R, Bash, Java, XML, HTML
- **Tools:** SQL Server, Tableau, Jupyter Notebooks, GitHub, MongoDB, Microsoft Excel, Microsoft Office, Android Studio, Google Firebase
- **Certifications:** Tableau Desktop Specialist

RELATED EXPERIENCE

Business Analyst Intern | OSU NSF I-Corps program | *Oklahoma, USA* Aug 2023- Jan 2024

- Formulated business model strategy for elderly care robot project through extensive requirement analysis and documentation, including **30+ client interviews** with geriatric facilities.

- Demonstrated strong understanding of cross-functional relationships by effectively collaborating with diverse teams, fostering cohesive teamwork, and facilitating the development process.

Application Development & Analytics Intern | OSU App Center | *Oklahoma, USA* Sept 2022- Jan 2023

- Implemented quiz and save-for-later modules in an android application, leveraging JSON and SQLite for local database management, enhancing application **efficiency by 20%**.

- Demonstrated proficiency in android development and database management, acquiring skills independently and applying them effectively to project requirements.

Product Analyst Intern | SP-TBI | *Mumbai, India* Sept 2019 - Aug 2021

- Collaborated with municipal governing bodies to address challenges associated with traditional vehicle towing mechanisms, utilizing Google Firebase Cloud Console to **automate towing processes by 25%**.
- Created visualizations using **Tableau** to report data findings, enhancing stakeholder management and improving customer experience.

ACADEMIC PROJECTS AND CASE STUDIES

Analyzing Churn Rate for Decibel Telecom: Case Study Mar 2023 - May 2023

- Employed data cleaning techniques and pivot tables in **Excel** to analyze Decibel Telecom's churn rate, unveiling customer attrition insights by exploring the demographic and age group impacts on churn rate variations.

- Conducted **hypothesis testing**, revealing a correlation between unlimited data plans and reduced churn, guiding retention strategies and created a dashboard in Excel to visualize customer churn patterns for Decibal Telecom.

Cleansing & Analyzing Consumer Complaints: Python Jan 2023 - May 2023

- Developed **Python scripts** for automating data processing tasks, ensuring consistency and efficiency in handling consumer complaints data from various sources.

- Created a console application to analyze data with respect to companies, complaint type and relevant customer specific data.

Data Cleansing and ETL Analysis for Lettuce Feed U Restaurant Chain: Case Study Mar 2023 - May 2023

- Successfully cleaned and standardized data for Lettuce Feed U restaurant chain using **SSIS and Microsoft Visual Studio**, ensuring data integrity and accuracy.

- Conducted comprehensive data cleansing and **ETL analysis** to address key business challenges, including identifying top profit-generating locations, revenue trends and average order values per location.
- Developed fact and dimension tables, enabling the extraction of reliable insights for the executive team based on the ETL analysis.

Stillwater City OK Real Estate Analysis (Python & R) Sept 2022 - Dec 2022

- Efficiently conducted data analysis by extracting real estate data from dynamic platforms such as Zillow and Realtor utilizing **Python's** requests module.

- Conducted comprehensive Price, Bedroom/Bathroom and House Area analyses utilizing **statistical concepts** such as mean, median, standard deviation and correlation, providing valuable insights for real estate developers to optimize property features and pricing strategies in Stillwater City.

LEADERSHIPS AND HONOURS

- LeClaire Family Graduate Scholarship for Women in Technology, OSU Sept 2023 - May 2024
- Creativity, Innovation & Entrepreneurship (CIE) Scholar, Spears School of Business, OSU Aug 2023 - Dec 2023
- Executive Committee Lead, International Student Organization (iSo), OSU Sept 2022 - May 2024
- GraceHopper Women in Technology Scholar, AnitaB.org Sept 2021 - Dec 2021