

# Sai Kiran Udayana

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## Professional Summary

Motivated Data Analyst with hands-on internship experience, known for transforming complex data into clear, actionable insights. Demonstrates strong problem-solving and critical thinking abilities, with a focus on supporting strategic decision-making. Adept at understanding business needs, collaborating with cross-functional teams, and communicating findings in a concise and impactful manner.

## Proficiencies

**Technical Proficiencies:** Python | SQL | Power BI | Microsoft Excel | Tableau, Data Cleaning & Preprocessing | Exploratory Data Analysis (EDA) | Statistical Analysis | Data Visualization.

**Non Technical Proficiencies:** Problem Solving | Communication | Stakeholder management | Team Collaboration | Analytical Thinking | Attention to Detail | Requirement Gathering.

## Work Experience & Projects

### Data Analyst

GeeksforGeeks – Intern

Jun 2025-Aug2025

Hyderabad

- Conducted analysis on **real-world datasets** containing over **15,000 records** to aid **strategic planning** across **diverse functional teams**. Built and regularly updated more than **5 interactive dashboards in Power BI**, enhancing internal **data access** and **accelerating decision-making by 30%**.
- Developed **efficient SQL queries** to handle datasets larger than **100,000 rows**, resulting in a **40% reduction in query execution time** and **faster data retrieval**. Streamlined **weekly reporting workflows** through **automation** using **Python and Excel**, leading to a **time saving**.
- Ensured high data quality** through **meticulous cleaning and exploratory data analysis (EDA)**, contributing to **more accurate outcomes** and a **20% drop in reporting discrepancies**.

### Loan Default Risk Analysis & Reporting System (Power BI + SQL Server) [Github link](#)

- Built a comprehensive Power BI dashboard integrating **10,000+ loan records** from Microsoft SQL Server to analyze **default trends**, **financial risks**, and **applicant behaviors**.
- Designed over **15 custom DAX-based KPIs** and calculated columns to monitor **default rates by year**, **employment type**, **age group**, and **income level**, enabling the **identification of high-risk borrower segments**.
- Discovered that applicants with **credit scores below 600** had a **32% higher default rate**, driving actionable insights for **risk assessment** and **lending strategies**.

### Home Sales Analysis & Market Intelligence Dashboard (Power BI + Google BigQuery) [Github link](#)

- Developed a regional housing market dashboard using Power BI and data from Google BigQuery and Excel, analyzing **10,000+ transactions** across Zealand, Jutland, Fyn, and Bornholm.
- Designed and implemented **12+ KPIs** including **median sales price**, **offer-to-purchase ratio**, and **price per square meter** to track sales trends across **5+ property types**.
- Identified up to **22% price variation** across regions and revealed **YOY sales volume growth of 15% in high-demand zones**, driving location-specific pricing and investment strategies.

## Certifications

- IBM DA101EN(IBM)**: IBM-certified proficiency in Python, data analysis covering data manipulation, statistics, and visualization.
- IBMDS101EN(IBM)**: IBM-certified foundational knowledge in data science methodologies, machine learning, and statistical analysis techniques.
- PY101EN(IBM)**: IBM-certified Python programming fundamentals for data science applications including libraries, data structures, and basic analytics.
- Complete Data Analyst Bootcamp (udemy)**: Focused on core concepts of data analysis using Python, SQL, Excel, and Power BI.

## Education

Dr.M.G.R. Educational and Research Institute

Jun 2021 - May 2025

B.Tech(CSE-AI)

8.71/10.0

Sri Chaitanya Junior College

Jul 2019 - May 2021

Intermediate(MPC)

976/1000