SaiKet Systems

Internship Program

Business Analysis

About Us

- Saiket Systems is a prominent technology company renowned for its expertise in the dynamic fields of cloud computing, blockchain, artificial intelligence (AI), and machine learning (ML).
- The company excels in delivering impactful projects and solutions tailored to the evolving needs of businesses.
- Saiket Systems offers a diverse array of products and services, including robust cloud computing solutions, innovative blockchain technologies, advanced AI systems, and sophisticated ML algorithms.

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MSME
Micro, Small, & Mediam Enterprises
सूक्ष्म, लघु, एवं मध्यम उद्योग
MSME BUSINESS FORUM

Instructions

- Update your LinkedIn profile with your achievements, like offer letters or internship certificates from SaiKet Systems. Mention and tag SaiKet Systems in your posts. Use hashtags like #SaiKetSystemsJourney #SaiKetExperience #FutureWithSaiKet to showcase your association.
- Avoid plagiarism and code duplication. These violations can lead to internship termination and future opportunities loss with us.
- Create a video showcasing your completed tasks. Post it on LinkedIn, tag SaiKet Systems, and use hashtags like #SaiKetInnovation #SaiKetAchievements #SaiKetProjects to engage with our community.

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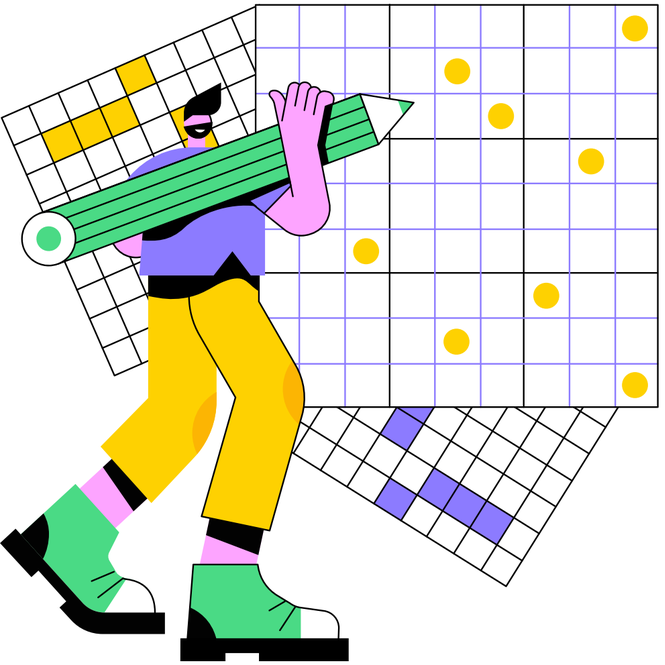
SUBMISSION

- Create a professional video showcasing your internship projects and achievements.
- Host the video on LinkedIn to provide proof of your work and establish credibility among your peers. Consider tagging Saiket Systems in your posts to ensure they are notified of your work.
- A SUBMISSION FORM will be shared later. Till then please continue your task and make a separate file of each level.
- When posting the video on LinkedIn, include the following hashtags to maximize visibility and engagement: #saiketsystems #saiket #saiketsys. Additionally, depending on your internship domain.



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Project Title: Customer Segmentation Visualization & Advanced Analysis

Project Overview:

The project aims to analyze customer churn in a telecommunications company and develop predictive models to identify at-risk customers. The ultimate goal is to provide actionable insights and recommendations to reduce churn and improve customer retention.

Note: You have to complete 4 tasks out of 5.

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Tasks 1: Data Overview and Simple Sorting

Description:

- Understand the dataset and prepare for visualization.
- Steps:
- Open the dataset in Excel and explore its structure.
- Sort the data by Tenure to see customers with the shortest and longest tenures.
- Filter the data to display only customers who have churned.

Skills :

- Sorting,filtering
- understanding dataset structure.

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Tasks 2: Churn Count Visualization.

Description:

- Visualize the count of churned vs. non-churned customers.
- Steps:
- Use a Column Chart to display the count of customers in the Churn column.
- Add labels to show the exact count for each category.
- Format the chart with a title and axis labels.

Skills :

- Creating and formatting column charts.

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Tasks 3: Monthly Charges Distribution

Description:

- Analyze the distribution of MonthlyCharges.
- Steps:
- Create a Histogram for the MonthlyCharges column.
- Use appropriate bin sizes (e.g., intervals of 10).
- Format the chart with a descriptive title and axis labels.

Skills :

- Creating histograms
- formatting charts.

Tasks 4: Churn Rates by Gender

Description:

- Compare churn rates across genders.
- Steps:
- Create a Pivot Table to calculate churn counts for each gender.
- Use the Pivot Table data to create a Clustered Bar Chart showing churned and non-churned counts for each gender.
- Use distinct colors for churned and non-churned categories.

Skills :

- Pivot Tables.
- clustered bar charts.

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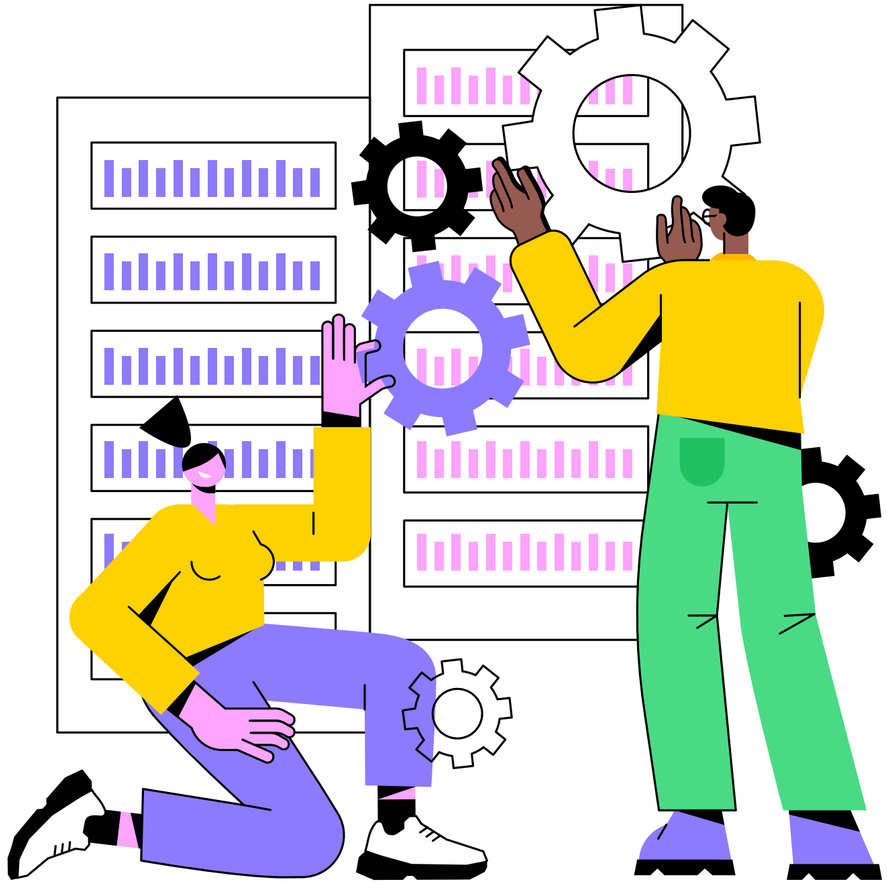

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Tasks 5: Heatmap for Monthly Charges and Tenure Interaction

Description:

- **Visualize the interaction between MonthlyCharges, Tenure, and churn behavior using a heatmap in Excel.**

Skills :

- **Excel Proficiency**
- **Data Cleaning**
- **Heatmap Creation**
- **Data Interpretation**
- **Churn Analysis**

How to Contact Us?

To find out more information, please contact us

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