

Team Project

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$ echo "Data Sciences Institute"
```

FAQs From Yesterday

Enter your team's dataset and business case in the provided spreadsheet.

Effective Project Planning and Time Management

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$ echo "Data Sciences Institute"
```



Strategic Planning for Short and Long-Term Goals

Setting realistic time frames for your project stages is crucial. Use S.M.A.R.T goals to structure your planning effectively:

- **Specific:** Define clear details about what needs to be achieved, who's involved, and where it will occur.
- **Measurable:** Establish concrete criteria for measuring progress and success.
- **Achievable:** Ensure the goals are realistic, considering available resources and constraints.
- **Relevant:** Align goals with broader business objectives to ensure they are meaningful.
- **Time-bound:** Set definitive deadlines to maintain focus and urgency.



Example: Customer Retention Model

Scenario: Develop a predictive model to improve customer retention for a subscription-based service.

- **Specific:** Machine learning model to predict customer churn using six months of user activity and demographic data.
- **Measurable:** Target 80% accuracy on a validation set.
- **Achievable:** Use Python's Scikit-Learn and a marketing department dataset.
- **Relevant:** Aligns with the company's goal of reducing churn and improving retention.
- **Time-bound:** Initial model version in three months, with testing and deployment in the next quarter.

Example: Dataset Preparation

Scenario: Prepare a dataset for urgent customer feedback analysis.

- **Specific:** Clean feedback data from the latest product launch, removing duplicates and handling missing values.
- **Measurable:** No missing values or duplicates, verified by data quality checks.
- **Achievable:** Use Python's Pandas library for data manipulation.
- **Relevant:** Crucial for immediate analysis to inform the marketing team's next steps.
- **Time-bound:** Complete in two days to start analysis on schedule.