

# IST722 Project Charter – Group X

Project Charter			
<b>Project Name</b>	IST 722 Group Project Assignment – Fudgeflix & Fudge-mart		
<b>Project Description</b>	Create a Data-warehouse from Fudge-Mart and Fudgeflix		
<b>Project Manager</b>	Jeremy Rozon	<b>Date Approved</b>	12/08/2023
<b>Project Sponsor(s)</b>	Humayun Khan	<b>Signature</b>	
<b>Business Case</b>		<b>Expected Goals/Deliverables</b>	
<p>The project aims to combine data from Fudge-mart and Fudgeflix, using advanced analytics to identify sales patterns. The goal is to enhance Fudge Corporation's sales strategy and provide actionable recommendations for business improvement.</p>		<p><b>Requirements</b></p> <p>The aim is to boost the Business strategy with clear recommendations and use of advanced tooling to spot sale trends.</p> <p><b>Deliverables</b></p> <ul style="list-style-type: none"> <li>• Project charter</li> <li>• Presentation</li> <li>• High level dimensional modeling</li> <li>• ETL tooling</li> <li>• Detailed dimensional modeling</li> <li>• BI</li> <li>• Data Warehouse</li> </ul>	
<b>Team Members</b>			
<b>Name</b>	<b>Role</b>		
Dan Burke	Data Engineer		
Kwaku Poku	Data Engineer		
Jeremy Rozon	Project manager		
<b>Risks and Constraints</b>		<b>Milestones</b>	
Time difference between group members		Project charter	
		Detail level dimensional modeling	
		High dimensional modeling	

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## Business Requirements

- Increase sale of products
- Manage all product demands
- Enable increase ratings

## Functional Requirements:

1. Who are the top 5 states with the most subscribers ?
2. Which are the products that have generated the most revenue for the company?
3. Who are the highest producing states.

## Business processes (related to above questions)

1. Customer Analysis
2. Product revenue analysis
3. Trend analysis
4. Company ratings

## Business Process (selected from above) for integration implementation

### Facts

1. Orders
2. Customer reviews
3. Products
4. Customers

### Dimensions

1. Products
2. Product review
3. Orders
4. Subscriptions

## Comments