FEDEX DATASET

PROJECT CHARTER

Version *<1.0>*

<29/09/2023>

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	*Rhutwij K. Deokar*	*<28/09/23>*			

Introduction

1.1 PURPOSE OF PROJECT CHARTER

[Provide the purpose of the project charter.]

The Fedex Dataset project charter documents and tracks the necessary information required by decision maker(s) to approve the project for funding. The project charter should include the needs, scope, justification, and resource commitment as well as the project's sponsor(s) decision to proceed or not to proceed with the project. It is created during the Initiating Phase of the project.

The intended audience of the *Fedex Analysis* project charter is the project sponsor and senior leadership.

2 PROJECT AND PRODUCT OVERVIEW

FedEx Corporation is a multinational conglomerate holding company based in Memphis, Tennessee, that provides transportation, e-commerce, and business services. Data cleaning is supposed to perform on the dataset. The estimated duration of the data cleaning is 1 month.

3 JUSTIFICATION

3.1 BUSINESS NEED

FedEx, a global courier leader, is dedicated to ensuring on-time deliveries. By leveraging data analysis, FedEx aims to optimize operations, enhance customer satisfaction, make data-driven decisions, achieve cost efficiency, and stay competitive in the dynamic logistics industry. The goal is to provide a seamless delivery experience, exceeding customer expectations, and maintaining a culture of continuous improvement.

3.2 BUSINESS IMPACT

Effective data analysis and modeling on the FedEx dataset will:

- *Improve On-time Deliveries: Enhance FedEx's ability to meet delivery commitments, reducing delays and boosting customer satisfaction.*

- *Operational Efficiency: Optimize resource allocation, routing, and scheduling to reduce costs and increase profitability.*

- *Data-Driven Decisions: Enable informed decision-making to respond quickly to market changes and adapt to customer needs.*

- *Competitive Advantage: Stay ahead in the competitive logistics sector by delivering reliable and timely services.*

- *Cost Savings: Identify areas for cost reduction and resource optimization, leading to increased profitability.*

- *Customer Retention: Deliver superior service, retaining and attracting more customers in an increasingly competitive market.*

4   SCOPE

4.1   OBJECTIVES

The objectives of the *FedEx* are as follows:

- *To Improve On-time Delivery: Ensure timely package delivery.*
- *To Optimize Operations: Enhance logistics efficiency.*
- *To Boost Customer Satisfaction: Prioritize customer needs.*
- *To Data-Driven Decisions: Use data for proactive decisions.*
- *To Stay Competitive: Maintain a competitive edge.*
- *To Cost Efficiency: Reduce operational costs.*

High-Level Requirements

Req. #	Requirement Description
1.	Data Set
2.	Data Description

4.2   MAJOR DELIVERABLES

The following table presents the major deliverables that the project's product, service or result must meet in order for the project objectives to be satisfied.
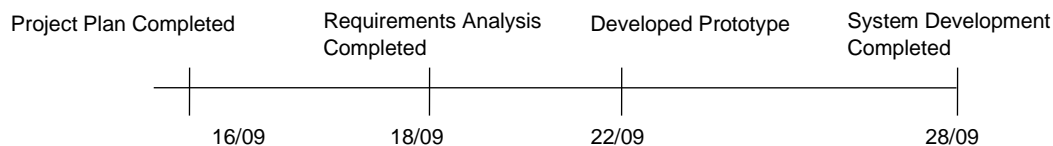
Major Deliverable	Deliverable Description
Clean Data	The clean dataset can be used to train module.
Trained Module	The trained module is used to forcast and predict.

4.3   BOUNDARIES

This project does not encompass any modifications to infrastructure, business processes, legal frameworks, hardware upgrades, customer interfaces, or employee training. The focus is strictly on data-related tasks, analysis, and model development for delivery status prediction.

5   DURATION

5.1   TIMELINE

Project Plan Completed	Requirements Analysis Completed	Developed Prototype	System Development Completed
16/09	18/09	22/09	28/09

5.2   EXECUTIVE MILESTONES

The table below lists the high-level Executive Milestones of the project and their estimated completion timeframe.

Executive Milestones	Estimated Completion Timeframe
Project Planned Version1	*16 sept*
Version 2	*25sept*

6   BUDGET ESTIMATE

6.1   FUNDING SOURCE

The funding for this project will be provided internally by our organization,360 Digi TMG. As part of our commitment to fostering data-driven decision-making and enhancing our capabilities in data science and analytics, we have allocated budgetary resources specifically for this project. The project will be funded through our internal budget allocated for research and development initiatives.

6.2   ESTIMATE

This section provides a summary of estimated spending to meet the objectives of the *FedEX* project as described in this project charter. This summary of spending is preliminary, and should reflect costs for the entire investment lifecycle. It is intended to present probable funding requirements and to assist in obtaining budgeting   support.

Object Code	Budget Item	Qtr1	Qtr2	Qtr3	Qtr4	Total
11/12	Personnel…….	$ -	$ -	$ -	$ -	$0.00
20	Contractual Services……	$ -	$ -	$ -	$ -	$0.00
21	Travel……	$ -	$ -	$ -	$ -	$0.00
22	Transportation of things…..	$ -	$ -	$ -	$ -	$0.00
23	Rent, Telecom, Other Comm & Utilities…..	$ -	$ -	$ -	$ -	$0.00
24	Printing & Reproduction……	$ -	$ -	$ -	$ -	$0.00
26	Supplies……	$ -	$ -	$ -	$ -	$0.00
31	Equipment……	$ -	$ -	$ -	$ -	$0.00
41	Grants/Cooperative Agreements……	$ -	$ -	$ -	$ -	$0.00
	Total	$ -	$ -	$ -	$ -	$ -

7   HIGH-LEVEL ALTERNATIVES ANALYSIS

We evaluated different approaches for the FedEx dataset project:

Existing Tools: Customizing internal tools.

Partnership: Collaborating with external experts.

Open Source: Utilizing open-source resources.

Custom Development: Building tailored solutions.

We considered factors like cost, customization, and scalability to select the best approach. The chosen alternative is discussed later in this charter.

8 PROJECT ORGANIZATION

8.1 ROLES AND RESPONSIBILITIES

Name & Organization	Project Role	Project Responsibilities
Bharni 360Digi Tmg	Project Sponsor	Person responsible for acting as the project's champion and providing direction and support to the team. In the context of this document, this person approves the request for funding, approves the project scope represented in this document, and sets the priority of the project relative to other projects in his/her area of responsibility.
Jeeva 360 Digi Tmg	Government Monitor	Government employee who provides the interface between the project team and the project sponsor. Additionally, they will serve as the single focal point of contact for the Project Manager to manage CDC's day-to-day interests. This person must have adequate business and project knowledge in order to make informed decisions. In the case where a contract is involved, the role of a Government Monitor will often be fulfilled by a Contracting Officer and a Project Officer.
Rhutwij K. Deokar 360 Digi Tmg	Project Officer	A program representative responsible for coordinating with acquisition officials on projects for which contract support is contemplated. This representative is responsible for technical monitoring and evaluation of the contractor's performance after award.

9 PROJECT CHARTER APPROVAL

The undersigned acknowledge they have reviewed the project charter and authorize and fund the FedEx Dataset project. Changes to this project charter will be coordinated with and approved by the undersigned or their designated representatives.

Signature:	Jeeva	Date: 28/09/2023
Print Name:	Project Charter FedEx	
Title:	FedEx Dataset	
Role:	Data Scientist	

Signature:		Date:
Print Name:		
Title:		
Role:		

Signature:		Date:
Print Name:		
Title:		
Role:		