

LendingClub Issued Loans Analysis

1 INTRODUCTION

1.1 Overview

Provide a concise overview of the project, including its background, status, and an introduction to the technologies and methodologies used.

1.2 Purpose

Explain the objectives of the project, what needs it addresses, and the expected outcomes and benefits upon completion.

1.3 Technical Architecture

Detail the technical framework of the project, including the hardware and software components, network diagrams, and data flows.

2 .Define Problem / Problem Understanding

2.1 Specify the business problem

Identify and describe the core business issue that the project aims to resolve, including any constraints and challenges.

2.2 Business requirements

List the business requirements that the project must meet, aligning them with the problem statement and business goals.

2.3 Literature Survey

Summarize the findings from existing literature, research, and studies that are relevant to the project's business problem.

Data collections

3.1 Collect the dataset

Outline the methods and sources used for data collection, ensuring they align with the project's objectives.

3.2 Connect Data with Sense

Describe the process of integrating the collected data with Sense for analysis and visualization.

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Data Preparation

4.1 Prepare the Data for Visualization

Discuss the steps taken to clean, transform, and prepare the data for effective visualization.

Data Visualizations

5.1 Visualizations

Create and present various data visualizations that offer insights into the dataset, using appropriate charts, graphs, and tables.

6 Dashboard

6.1 Responsive and Design of Dashboard

Design a responsive dashboard that adapts to different devices and screen sizes, focusing on user experience and accessibility.

7 Report

7.1 Report Creation

Develop a comprehensive report that documents the project's findings, methodologies, and results, including visualizations and interpretations.

Performance Testing

8.1 Amount of Data Rendered

Evaluate the performance of the system by measuring the amount of data rendered in visualizations and dashboards.

8.2 Utilization of Data Filters

Test the system's responsiveness and performance when applying various data filters during analysis. Remember to include relevant data, analysis, and references to support your findings and decisions throughout the document.