Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	739921
Project Title	Smartwatch Price Prediction
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Report:

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for

Section	Description
Project Overview	The smartwatch market is dynamic, with prices influenced by various factors such as technology advancements, market demand, brand reputation, and features. Predicting smartwatch prices can help businesses and consumers make informed decisions. This project aims to develop a predictive model to forecast smartwatch prices based on relevant features and market trends.

informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan:

	marital status, income, and loan-related details for machine learning analysis.
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from Kaggle & UCI, the popular platforms for data science competitions and repositories. The Provided sample data represents a subset of the collected information, encompassing variables such as Brand, Model, Price, Features
Data Collection Plan	• Gather data on smartwatches, including features, brand, release date, and historical prices. • Identify and engineer relevant features that influence smartwatch prices. • Assess the models' performance using appropriate metrics. Develop a user-friendly interface for price prediction.

Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions

Kaggle Dataset	The dataset watch details (Brand, Model, Operating system, Connectivity, Display type, Display size, Resolution, Water Resistance, Battery Life, Heart Rate Monitor, GPS, NFS, Price	https://www.kaggle.com/code/ishantgargml/smart-watchprices-	CSV	15 kB	Public
UCI	This data concerns Models	https://www.kaggle.com/code/ishantgargml/smart-watchprices-	CSV	13.6 kB	Public