

Homework



Estimasi Waktu Pengerjaan

 **1 - 2 jam**

Jumlah Soal

 **5 Soal**

Total Point

 **100 poin**

Teknis Pengerjaan

1. Pekerjaan dilakukan secara **berkelompok, sesuai kelompok Final Project**
2. Masing-masing anggota kelompok tetap perlu submit ke LMS (jadi bukan perwakilan)
3. File yang perlu dikumpulkan:
 - File **laporan homework** (.pdf) yang berisi jawaban dari pertanyaan-pertanyaan pada slide berikutnya.
4. Upload hasil pengerjaanmu melalui LMS.
 - Upload file tersebut dengan nama file:
Business Understanding - <Nama Kelompok>.pdf

Supplement Sales Analysis

Description

Your Client WOMart is a leading nutrition and supplement retail chain that offers a comprehensive range of products for all your wellness and fitness needs. WOMart follows a multi-channel distribution strategy with 350+ retail stores spread across 100+ cities. Effective forecasting for store sales gives essential insight into upcoming cash flow, meaning WOMart can more accurately plan the cashflow at the store level. Sales data for 18 months from 365 stores of WOMart is available along with information on Store Type, Location Type for each store, Region Code for every store, Discount provided by the store on every day, Number of Orders everyday etc.

Link download dataset [disini](#)

Supplement Sales Forecast

Data Profiling

ID (String)	: Order Unique Identity.
Store_id (Integer)	: Id to represent womart store entity.
Store_Type (String)	: Type of store based on womart business strategic.
Location_Type (String)	: Type of location of each store.
Region_Code (String)	: Id of region where each store located.
Date (String)	: Day when transaction occurs on each store.
Holiday (Integer)	: Is it holiday or not.
Discount (String)	: it has a discount or not.
#Order (Integer)	: Number of orders.
Sales (Float)	: Total revenue of each order.

Business Understanding

Setelah melalui tahapan-tahapan final project, saat ini kamu diminta untuk melakukan eksplorasi data, silakan cari actionable bisnis insight dan rekomendasi untuk improvement berdasarkan bisnis insightnya dari data yang diberikan. Pastikan hal-hal berikut ini ada dalam laporan:

1. Background:
 - Peran dalam dataset (5 poin)
 - Permasalahan yang ingin diselesaikan (5 poin)
 - Goal yang ingin dicapai (5 poin)
 - Objective yang ingin dilakukan (5 poin)
 - Business metric untuk mengukur ketercapaian objective (5 poin)
2. Insight (45 poin)
3. Business recommendation (30 poin)

Selamat Mengerjakan!