

# Project proposal

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This is my first project at SDAIA boot camp (Data Science)

I start in this project after two weeks of the training

Background:

first, I searched Data about E-commers, and I found the data in Kaggle.com.

Here is the link of dataset: [Ecommerce Sales Data](#)

In this project I plan to know the trending products in the world, Categories and the best shipping method using the ecommerce sales dataset I have.

## Question/need:

Which Products Category people are showing interests in?

Which product is getting most of the sales?

What is the most used ship mode?

## Data Description:

The columns in the dataset

Column	Description
Order Id	The order id
Order Date	The date the order has been created
Ship Date	The product ship date
Ship Mode	The way the product shipped to the user
Product Category	the products categories
Product	The product the use got
Sales	How much money the use paid to get the product
Quantity	The sales quantity
Discount	The discount the user got
Profit	The seller profit from this product

Shipping Cost	The fees to ship this product
Order Priority	The priority of the order
Customer ID	The ID for each customer
Customer Name	The product customer name
Segment	Type of consumer
City	The customer city
State	The customer state
Country	Customer state
Region	Customer region
Months	The selling month

**Libraries:**

- 1.NumPy
- 2.Pandas
- 3.Matplotlib

**Tools:** Python, Jupiter