

Mini Project – Supply chain Data

Batch: Data Analytics & Data Science

Estimated Duration: 3 Days

Problem Statement:

1. What is the total revenue generated for all products?
2. How many unique product types are there in the dataset?
3. What is the average price of each products?
4. Find the product with the highest revenue?
5. How many products are categorized as 'Pending' in inspection results?
6. What is the average manufacturing cost of each products?
7. What is the percentage of products failed in inspection?
8. Find the median defect rate?
9. Which supplier name appears most frequently?
10. How many products are transported via "Air"?
11. What is the average shipping cost?
12. How many orders have quantities greater than 50?
13. Calculate the total number of products sold?
14. How many routes are used for product transportation?
15. What is the variance in defect rates?
16. Identify the location with the least shipping costs on average?
17. Which customer demographic generated the most revenue?
18. Which route is the most used for transportation?
19. What is the correlation of revenue generated and no. of products sold?
20. How many products are priced above 50?

Note: Use Excel