

Exploratory Data Analysis of Agricultural Crop Yield

Assignment 01 - Bhawana Kumari

Dataset Overview: 25 records, 10 variables, 4 crops, 5 states.

Crop Analysis

Crop	Records	Total_Production	Average_Yield	Average_Rainfall
Cotton	5	1890	2.9	900.0
Maize	5	1918	4.24	792.0
Rice	5	2485	5.3	1340.0
Wheat	10	5001	4.2	544.0

State Analysis

State	Total_Production	Average_Yield
Karnataka	1918	4.24
Maharashtra	1890	2.9
Punjab	2504	4.62
Uttar Pradesh	2497	3.78
West Bengal	2485	5.3

Year-wise Production

Crop_Year	Production_tonnes
2018	1884
2019	2040
2020	2205
2021	2383

Crop_Year	Production_tonnes
2022	2782

Data Quality: Missing values = 0; Duplicate rows = 0.