

IDLE Shell 3.13.2

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RESTART: C:/Users/Lenovo/crop prediction.py

Dataset Sample:

	Crop	Year	Season	Rainfall	Temperature	Production	Price
0	Rice	2020	Winter	169.481448	18.668696	127.969100	97.94
1	Rice	2020	Spring	147.633271	16.128232	122.199877	100.22
2	Rice	2020	Summer	141.747974	15.141326	52.306243	134.04
3	Rice	2020	Fall	142.757901	22.649240	148.323089	110.38
4	Rice	2021	Winter	51.989744	33.844035	106.328822	143.69

Dataset Information:

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 60 entries, 0 to 59

Data columns (total 7 columns):

#	Column	Non-Null Count	Dtype
0	Crop	60 non-null	object
1	Year	60 non-null	int64
2	Season	60 non-null	object
3	Rainfall	60 non-null	float64
4	Temperature	60 non-null	float64
5	Production	60 non-null	float64
6	Price	60 non-null	float64

dtypes: float64(4), int64(1), object(2)

memory usage: 3.4+ KB

None

Descriptive Statistics:

	Year	Rainfall	Temperature	Production	Price
count	60.000000	60.000000	60.000000	60.000000	60.000000
mean	2022.000000	124.692268	26.432746	97.090436	164.541500
std	1.426148	43.272705	6.116777	30.713161	32.743499
min	2020.000000	51.823171	15.141326	50.052038	97.940000
25%	2021.000000	88.865110	21.752816	70.078503	140.577500
50%	2022.000000	135.477840	26.896161	93.837330	165.315000
75%	2023.000000	152.278557	32.674845	122.526684	186.345000
max	2024.000000	196.492243	34.925074	148.323089	233.760000

Missing Values:

Crop	0
Year	0
Season	0
Rainfall	0
Temperature	0
Production	0
Price	0

dtype: int64

Type here to search



