

GLook

General Data Insights

Univariate Analysis

Bivariate Analysis

Trivariate Analysis

Session State:-> True

Dataframe Overview

	Week_Avg_USD	Coal_India_5500_CFR_London_Close_USD	Price_WTI	Price_Brent_Oil	Price_Dubai_Brent_Oil	Price_Exxor
0	97.56	60.5	28.34	29.94	26.16	
1	70.57	62.03	28.34	34.11	29.39	
2	70.57	62.03	26.08	33.05	27.45	
3	70.57	62.03	26.1329	31.87	26	
4	70.57	62.03	26.1857	32.84	26.16	
5	59.57	54.74	26.2386	31.48	23.26	
6	59.57	54.74	26.2914	31.48	23.26	
7	59.57	54.74	26.3443	31.74	24.74	
8	59.57	54.74	26.3971	29.6	24.1125	
9	59.57	54.74	26.45	29.0933	23.485	

Data dimensions: 977 rows, 28 columns

Number of rows: 977

Number of duplicates: 0

Deep Memory usage: 0.365 MB

Number of features: 28

Number of categorical features: 3

Number of numerical features: 25

Numerical Data Overview

	count	mean	std	min	25%	50%	75%	max
Coal_RB_4800_FOB_London_Close_USD	977.00	89.00	46.43	26.75	48.63	82.54	116.49	215.98
Coal_RB_5500_FOB_London_Close_USD	977.00	114.94	62.55	34.56	65.60	102.56	147.00	265.25
Coal_RB_5700_FOB_London_Close_USD	977.00	137.09	75.77	44.69	81.43	118.88	173.52	309.88
Coal_RB_6000_FOB_CurrentWeek_Avg_USD	977.00	147.26	80.98	44.53	90.96	125.44	186.25	326.69
Coal_India_5500_CFR_London_Close_USD	977.00	126.08	59.03	41.81	77.04	117.69	160.76	271.70
Price_WTI	977.00	71.64	21.04	26.08	60.64	74.04	83.87	118.50
Price_Brent_Oil	977.00	75.38	21.65	28.08	64.07	78.37	88.15	123.58
Price_Dubai_Brent_Oil	977.00	73.72	21.45	22.23	61.53	77.06	87.77	122.53
Price_ExxonMobil	977.00	77.00	27.10	31.57	54.58	78.24	104.59	120.20
Price_NTPC	977.00	144.57	46.53	79.00	103.75	136.65	170.50	268.95

Categorical Data Overview

	count	unique	top	freq
Date	977	977	2020-02-04	1
precipitype_RB	977	2	rain	673
precipitype_Limpopo	977	2	no rain	683

DataFrame Info:

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 977 entries, 0 to 976
Data columns (total 28 columns):
#   Column                                     Non-Null Count  Dtype
---  -
0   Date                                     977 non-null    object
1   Coal_RB_4800_FOB_London_Close_USD      977 non-null    float64
2   Coal_RB_5500_FOB_London_Close_USD      977 non-null    float64
3   Coal_RB_5700_FOB_London_Close_USD      977 non-null    float64
4   Coal_RB_6000_FOB_CurrentWeek_Avg_USD   977 non-null    float64
5   Coal_India_5500_CFR_London_Close_USD   977 non-null    float64
6   Price_WTI                               977 non-null    float64
7   Price_Brent_Oil                         977 non-null    float64
8   Price_Dubai_Brent_Oil                   977 non-null    float64
9   Price_ExxonMobil                        977 non-null    float64
10  Price_NTPC                              977 non-null    float64
11  Price_Shenhua                           977 non-null    float64
12  tempmax_RB                              977 non-null    float64
13  tempmin_RB                              977 non-null    float64
14  temp_RB                                 977 non-null    float64
15  dew_RB                                  977 non-null    float64
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16	humidity_RB	977 non-null	float64
17	precip_RB	977 non-null	float64
18	preciptype_RB	977 non-null	object
19	windspeed_RB	977 non-null	float64
20	tempmax_Limpopo	977 non-null	float64
21	tempmin_Limpopo	977 non-null	float64
22	temp_Limpopo	977 non-null	float64
23	dew_Limpopo	977 non-null	float64
24	humidity_Limpopo	977 non-null	float64
25	precip_Limpopo	977 non-null	float64
26	preciptype_Limpopo	977 non-null	object
27	windspeed_Limpopo	977 non-null	float64
dtypes: float64(25), object(3)			
memory usage: 213.8+ KB			

Univariate\_Analysis