AI-Employee

Data - Analysis

| Measures	Gold	Silver	Bronze	Total
count	91.0	91.0	91.0	91.0
mean	3.6	3.59	4.22	11.42
std	6.99	6.77	6.56	19.7
min	0.0	0.0	0.0	1.0
25%	0.0	0.0	1.0	2.0
50%	1.0	1.0	2.0	5.0
75%	3.0	3.0	5.0	9.0
max	40.0	44.0	42.0	126.0

EDA

Top 10 Countries by Total Medals

Correlation Matrix of Medals

Medal Distribution Among Top 5 Countries

Using K-means
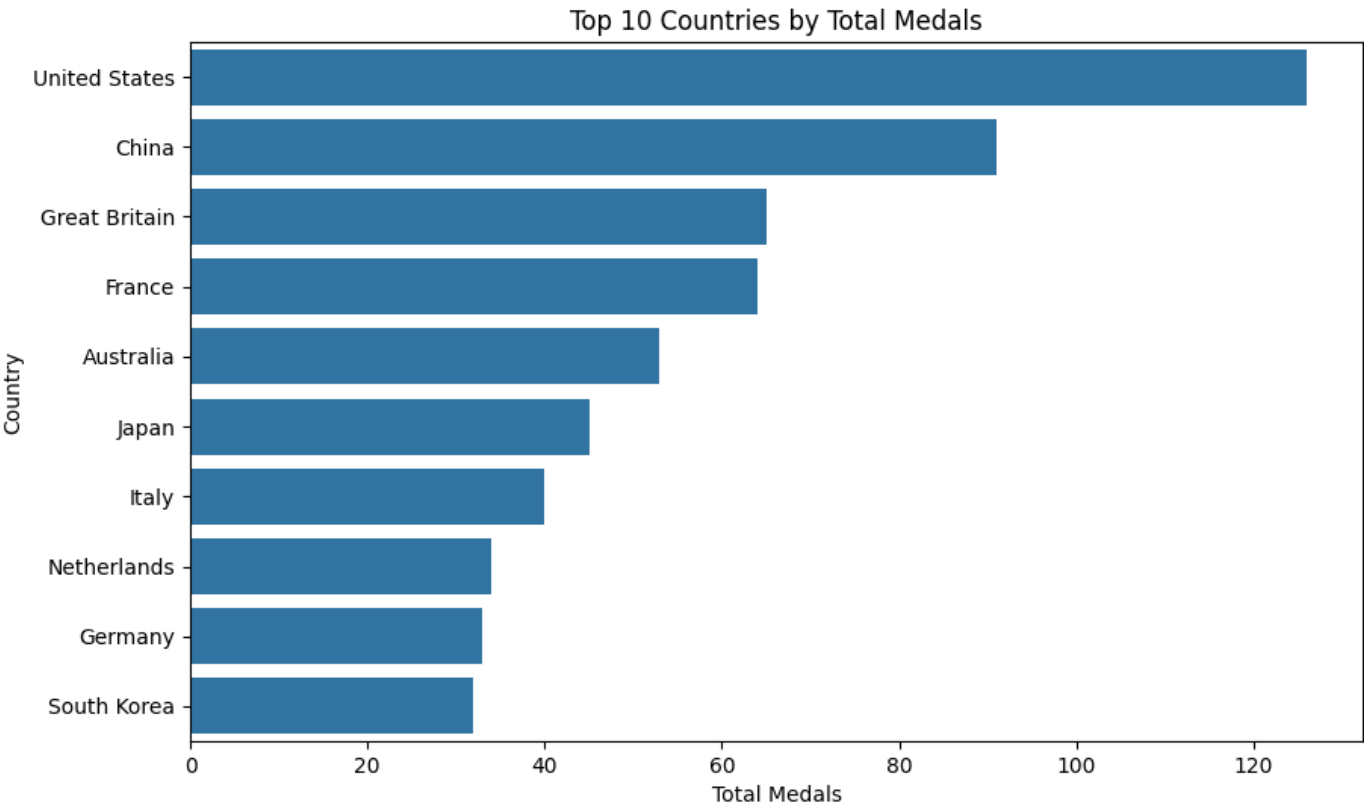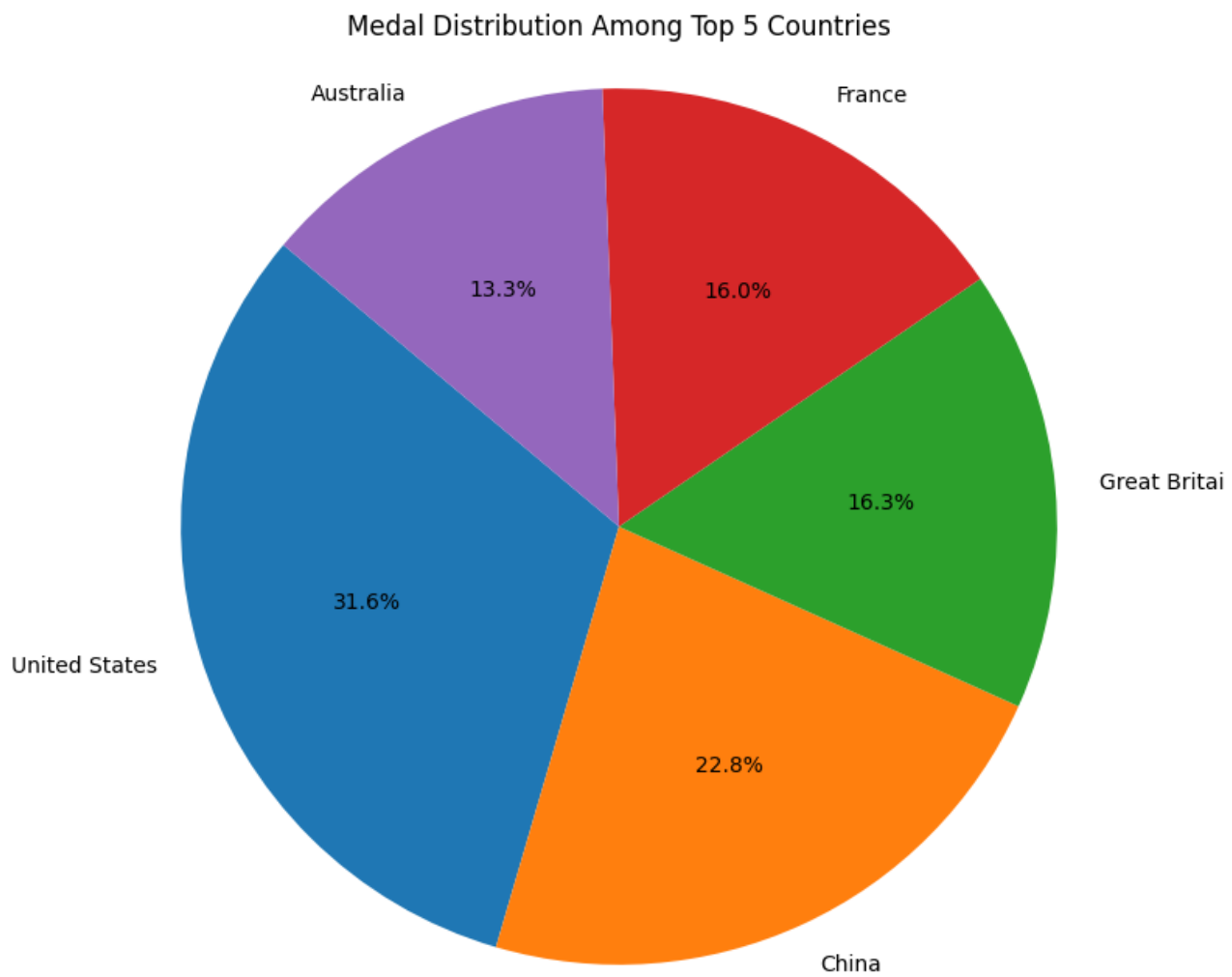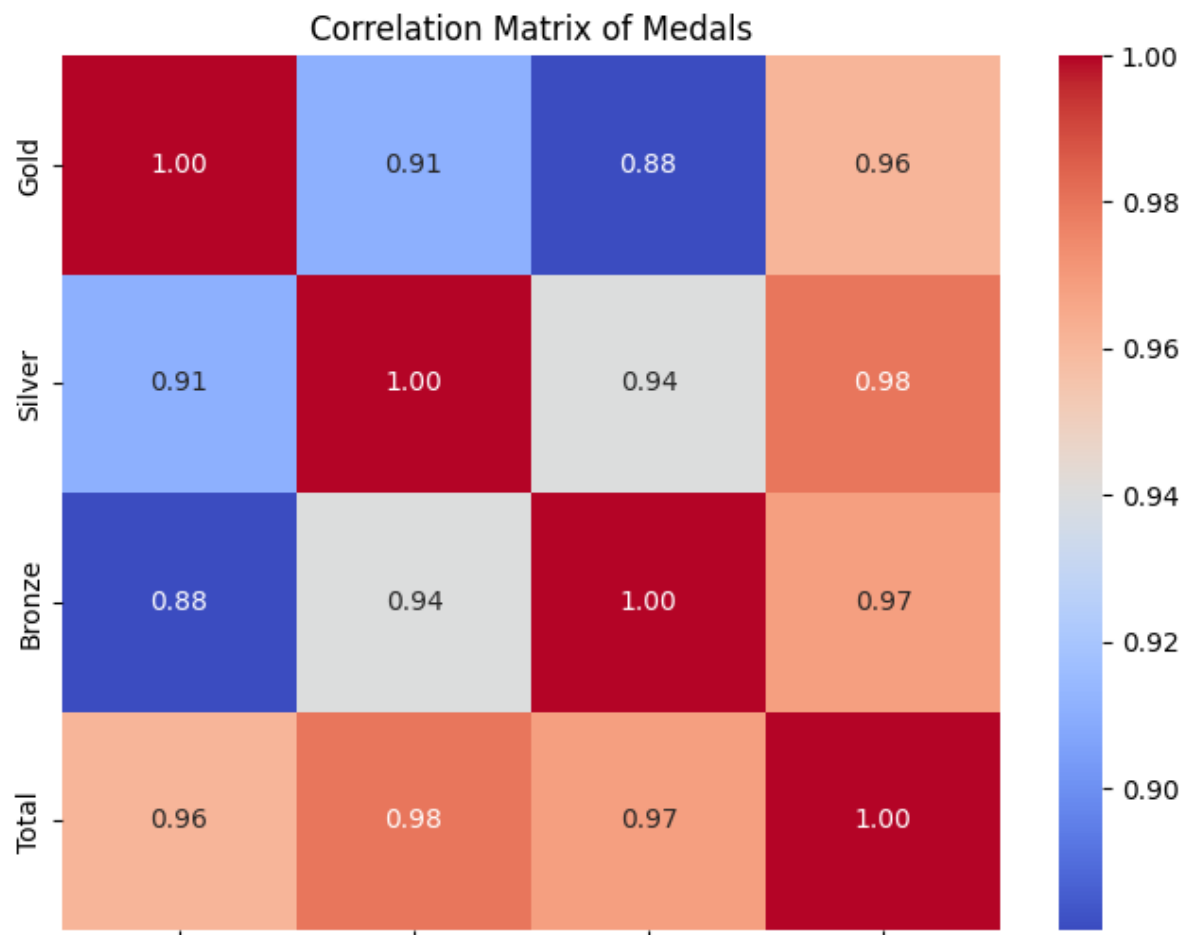
K-Means Clustering of Countries based on Medal Counts
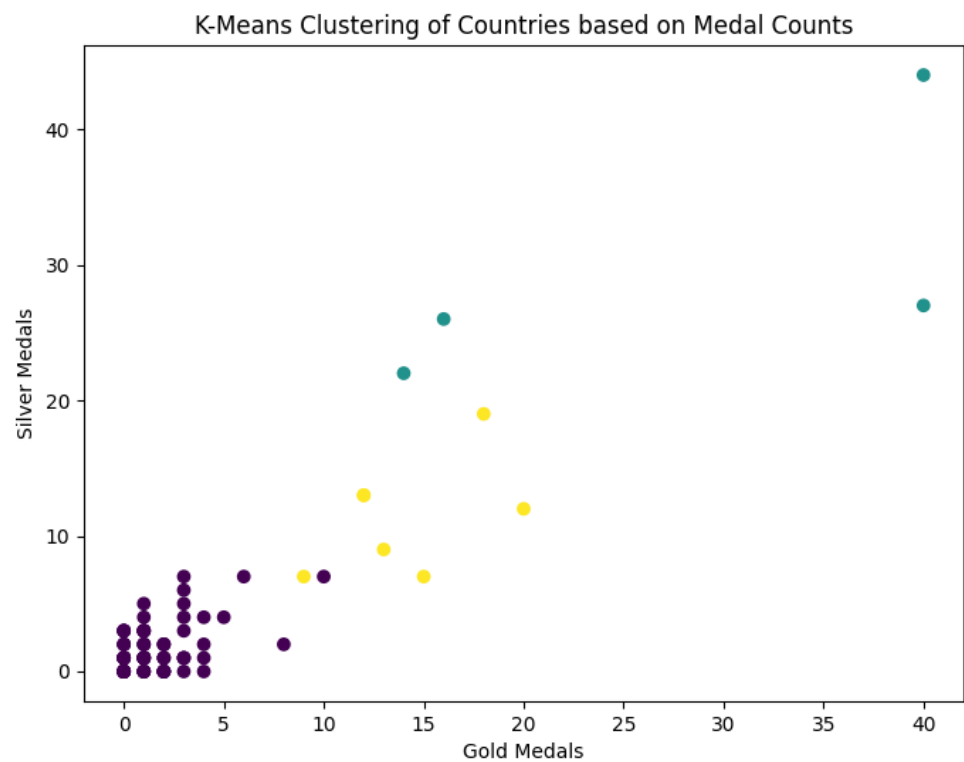
Clusters

Ranks	Country	Country Code	Gold	Silver	Bronze	Total
3	Japan	JPN	20	12	13	45
4	Australia	AUS	18	19	16	53
6	Netherlands	NED	15	7	12	34
8	South Korea	KOR	13	9	10	32
9	Italy	ITA	12	13	15	40
10	Germany	GER	12	13	8	33

Ranks	Country	Country Code	Gold	Silver	Bronze	Total
1	United States	US	40	44	42	126
2	China	CHN	40	27	24	91
5	France	FRA	16	26	22	64
7	Great Britain	GBG	14	22	29	65

Ranks	Country	Country Code	Gold	Silver	Bronze	Total
11	New Zealand	NZ	10	7	3	20
13	Uzbekistan	UZB	8	2	3	13
14	Hungary	HUN	6	7	6	19
15	Spain	SPA	5	4	9	18
16	Sweden	SWE	4	4	3	11
17	Kenya	KEN	4	2	5	11

Linear-Regression
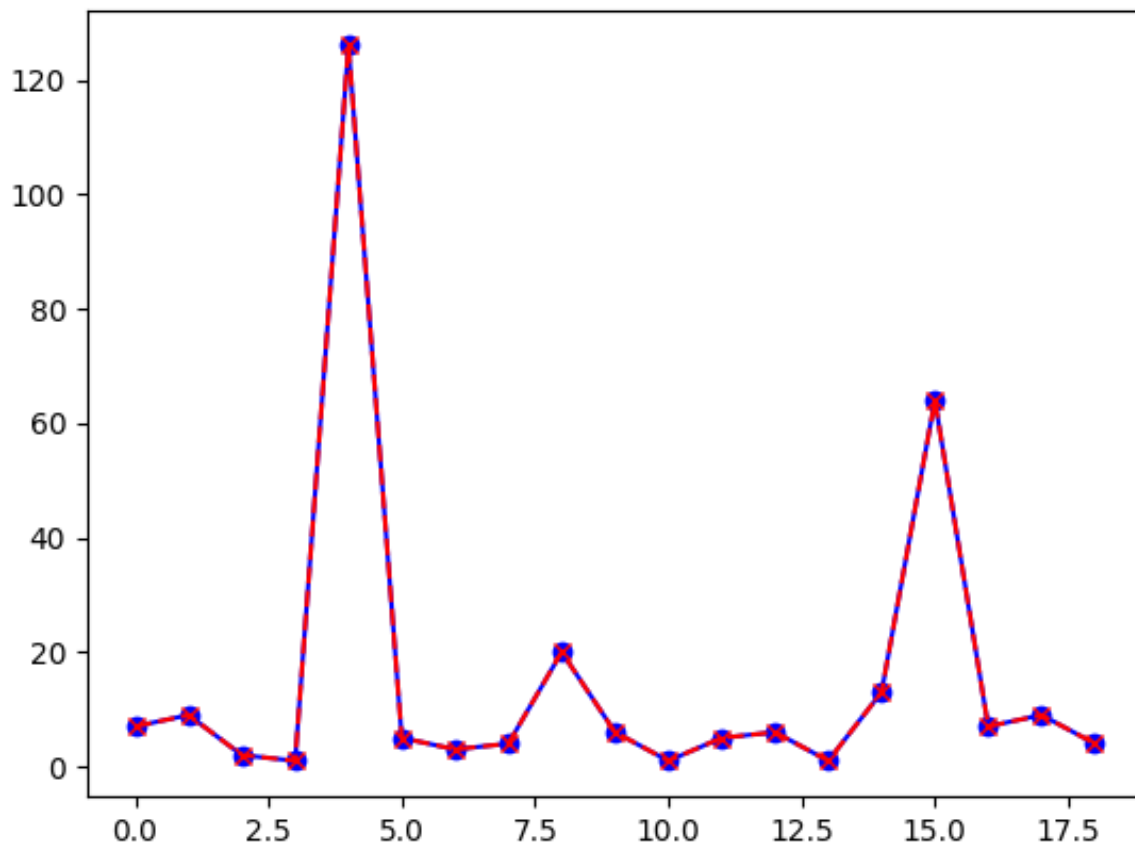
Accuracy-1.0

Summary-

The Country with highest no. of medals United States

The Country with lowest no. of medals Zambia