

# Summary Report

**Task Type: CLUSTERING**

**Best Model:** KMeans

**Dataset Overview:**

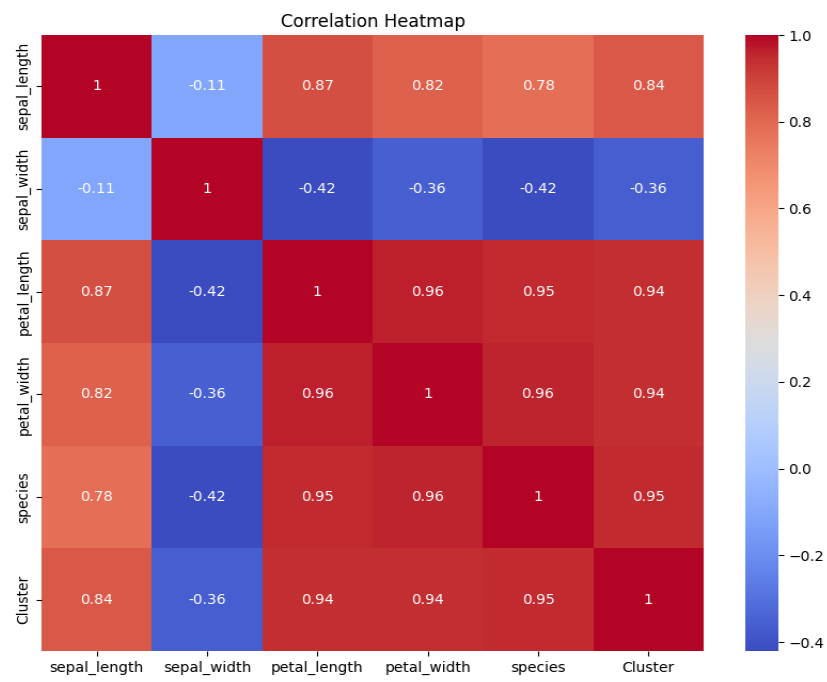
sepal_length	sepal_width	petal_length	petal_width	species	Cluster
5.1	3.5	1.4	0.2	0.0	0.0
4.9	3.0	1.4	0.2	0.0	0.0
4.7	3.2	1.3	0.2	0.0	0.0
4.6	3.1	1.5	0.2	0.0	0.0
5.0	3.6	1.4	0.2	0.0	0.0

**Evaluation Metrics:**

Silhouette Score: 0.4760

**Visualizations:**

*Correlation Heatmap*



## ***Cluster Visualization***

A scatter plot with three clusters of data points. The purple cluster is located on the left side of the plot, centered around x = -2.5 and y = 0. The teal cluster is in the center, centered around x = 0.5 and y = -0.5. The yellow cluster is on the right side, centered around x = 2.5 and y = 0. The x-axis ranges from -3 to 3, and the y-axis ranges from -2 to 2.

