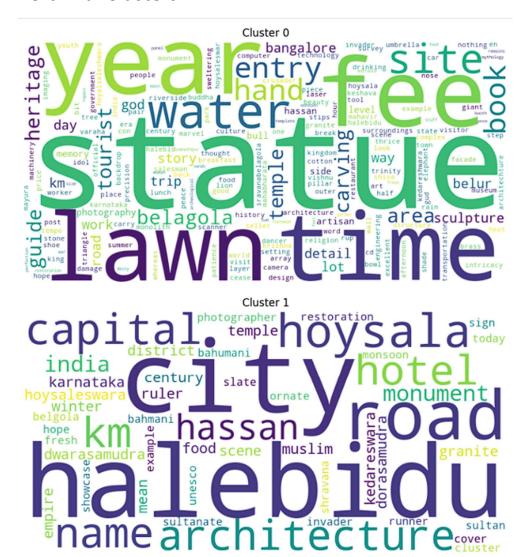
# <u>Halebidu</u>

Place	Coherence	Optimal Clusters	BERT	Optimal Clusters	GPT-2
	score	for bert	Silhouette	for gpt2	Silhouette
			score		score
Halebidu	0.34	2	0.22	2	0.35

### **Bert final Clusters:**



#### Cluster 0:

Hoysala architecture and art:

This cluster features many words related to the specific style of architecture and art found in the Hoysala temples, such as "Hoysala," "architecture," "sculpture," "temple," and "carving."

Religious and mythological themes:

Words like "Vishnu," "pillar," "god," "mythology," and "story" suggest this cluster is about the religious and mythological themes depicted in the temple carvings and sculptures.

### Cluster 1:

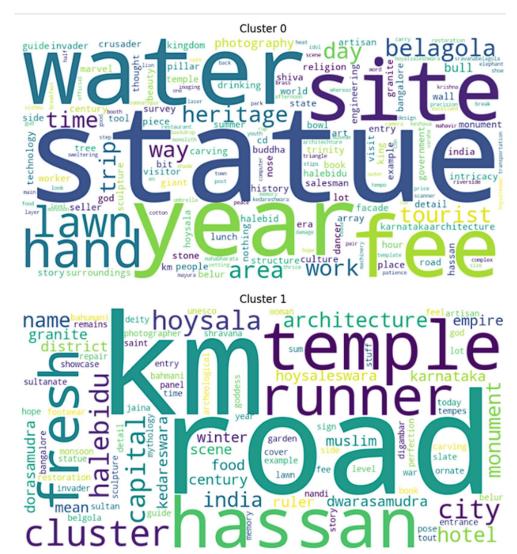
History and heritage:

Words like "history," "heritage," "ancient," "king," and "empire" indicate this cluster is about the historical and cultural significance of the Hoysala temples.

Tourism and travel:

Words like "tourist," "travel," "place," "visit," and "camera" suggest this cluster is about the experience of visiting the temples as a tourist or traveler.

## Gpt-2 final Clusters:



### Cluster 0:

### Halebidu Hoysala Temple:

This cluster includes words like "Halebidu," "Hoysala," "temple," "monument," and "architecture." These words suggest that this cluster is specifically about the Halebidu Hoysala Temple, its architecture, and its significance.

Intricate carvings and sculptures:

Words like "carving," "sculpture," "detail," "intricate," and "facade" highlight the intricate and detailed carvings and sculptures that are a defining feature of the Halebidu Hoysala Temple.

### Cluster 1:

Tourism and visitor experience:

Words like "tourist," "visitor," "camera," "guide," and "souvenir" suggest that this cluster is about the experience of visiting the Halebidu Hoysala Temple as a tourist.

History and cultural heritage:

Words like "history," "heritage," "ancient," "dynasty," and "empire" indicate that this cluster is about the historical and cultural significance of the Halebidu Hoysala Temple and the Hoysala dynasty.