

[illegible]

Merged Entities: [{'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt University'}, {'entity_type': 'ORGANIZATION', 'text': 'Vandy'}, {'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt'}, {'entity_type': 'ORGANIZATION', 'text': 'VU'}, {'entity_type': 'EDUCATIONAL_RECORD', 'text': 'Valedictorian of my class'}]

Update Entities Response: {'all_entities': [{'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt University'}, {'entity_type': 'ORGANIZATION', 'text': 'Vandy'}, {'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt'}, {'entity_type': 'ORGANIZATION', 'text': 'VU'}, {'entity_type': 'EDUCATIONAL_RECORD', 'text': 'Valedictorian of my class'}], 'message': 'Entities updated successfully'}

Trigger post processing

Generating embeddings...

Generate Embeddings Response: {'message': 'Embeddings saved to entity_embeddings.csv'}

Clustering UF...

Cluster UF Response: {'results': {'Valedictorian of my class': ['Valedictorian of my class'], 'Vanderbilt University': ['Vanderbilt University', 'Vandy', 'Vanderbilt', 'VU']}}

Merged Clustering Response: {'Vanderbilt University': ['Vanderbilt', 'VU', 'Vandy', 'Vanderbilt University'], '18 year old': ['18 year old'], 'Valedictorian of my class': ['Valedictorian of my class']}

Update Clustering Response: {'merge_clustering_response': {'18 year old': ['18 year old'], 'Valedictorian of my class': ['Valedictorian of my class'], 'Vanderbilt University': ['VU', 'Vanderbilt', 'Vanderbilt University', 'Vandy']}, 'message': 'Clustering results updated successfully'}

Clustering...

Cluster Response: {'results': '{\n "Vanderbilt University": ["Vanderbilt University", "Vandy", "VU", "Vanderbilt"],\n "18 year old": ["18 year old"],\n "VU": ["VU", "Vanderbilt University", "Vandy", "Vanderbilt"]\n}'}

Merged Clustering Response: {'Vanderbilt University': ['Vanderbilt University', 'Vanderbilt', 'Vandy', 'VU'], '18 year old': ['18 year old'], 'Valedictorian of my class': ['Valedictorian of my class'], 'VU': ['VU', 'Vanderbilt University', 'Vandy', 'Vanderbilt']}

Update Clustering Response: {'merge_clustering_response': {'18 year old': ['18 year old'], 'VU': ['VU', 'Vanderbilt University', 'Vandy', 'Vanderbilt'], 'Valedictorian of my class': ['Valedictorian of my class'], 'Vanderbilt University': ['VU', 'Vanderbilt', 'Vanderbilt University', 'Vandy']}, 'message': 'Clustering results updated successfully'}

Merging results from detect and nltk_ner.

Merged Entities: [{'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt University'}, {'entity_type': 'ORGANIZATION', 'text': 'Vandy'}, {'entity_type': 'ORGANIZATION', 'text': 'Vanderbilt'}, {'entity_type': 'ORGANIZATION', 'text': 'VU'}, {'entity_type': 'EDUCATIONAL_RECORD', 'text': 'Valedictorian of my class'}]

```
Update Entities Response: {'all_entities': [{'entity_type':
'ORGANIZATION', 'text': 'Vanderbilt University'}, {'entity_type':
'ORGANIZATION', 'text': 'Vandy'}, {'entity_type': 'ORGANIZATION',
'text': 'Vanderbilt'}, {'entity_type': 'ORGANIZATION', 'text': 'VU'},
{'entity_type': 'EDUCATIONAL_RECORD', 'text': 'Valedictorian of my
class'}], 'message': 'Entities updated successfully'}
Trigger post processing
Generating embeddings...
Generate Embeddings Response: {'message': 'Embeddings saved to
entity_embeddings.csv'}
Clustering UF...
Cluster UF Response: {'results': {'Valedictorian of my class':
['Valedictorian of my class'], 'Vanderbilt University': ['Vanderbilt
University', 'Vandy', 'Vanderbilt', 'VU']}}
Merged Clustering Response: {'Vanderbilt University': ['Vanderbilt',
'Vanderbilt University', 'VU', 'Vandy'], '18 year old': ['18 year
old'], 'Valedictorian of my class': ['Valedictorian of my class'],
'VU': ['VU', 'Vanderbilt University', 'Vandy', 'Vanderbilt']}
Update Clustering Response: {'merge_clustering_response': {'18 year
old': ['18 year old'], 'VU': ['VU', 'Vanderbilt', 'Vanderbilt
University', 'Vandy'], 'Valedictorian of my class': ['Valedictorian of
my class'], 'Vanderbilt University': ['VU', 'Vanderbilt', 'Vanderbilt
University', 'Vandy']}, 'message': 'Clustering results updated
successfully'}
Clustering...
Cluster Response: {'results': '{\n"Vanderbilt University": [\n
"Vanderbilt University", \n "Vandy", \n "VU", \n "Vanderbilt"\n],
\n"18 year old": ["18 year old"],\n"VU": [\n "VU", \n "Vanderbilt
University", \n "Vandy", \n "Vanderbilt"\n]\n}'}
Merged Clustering Response: {'Vanderbilt University': ['Vanderbilt',
'VU', 'Vandy', 'Vanderbilt University'], '18 year old': ['18 year
old'], 'Valedictorian of my class': ['Valedictorian of my class'],
'VU': ['Vanderbilt', 'Vanderbilt University', 'Vandy', 'VU']}
Update Clustering Response: {'merge_clustering_response': {'18 year
old': ['18 year old'], 'VU': ['VU', 'Vanderbilt', 'Vanderbilt
University', 'Vandy'], 'Valedictorian of my class': ['Valedictorian of
my class'], 'Vanderbilt University': ['VU', 'Vanderbilt', 'Vanderbilt
University', 'Vandy']}, 'message': 'Clustering results updated
successfully'}
```