Cypher Queries to create Network Graphs

**Action Plans**

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| **Topic** | **Cypher Query** |
| Carbon | LOAD CSV WITH HEADERS FROM 'file:///action\_plans\_carbon.csv' AS row  WITH trim(row.`File Name`) AS fileName,  trim(row.Action) AS action,  trim(row.`Formal Stakeholder`) AS stakeholder,  trim(row.Category) AS category  MERGE (f:CARBON\_AP\_LONE\_FILE {name: fileName})  CREATE (a:CARBON\_AP\_LONE\_ACTION {name: action})  MERGE (s:CARBON\_AP\_LONE\_STAKEHOLDER {name: stakeholder})  CREATE (c:CARBON\_AP\_LONE\_CATEGORY {name: category, stakeholder: stakeholder})  CREATE (f)-[:CARBON\_AP\_LONE\_HAS\_ACTION]->(a)  CREATE (a)-[:CARBON\_AP\_LONE\_HAS\_STAKEHOLDER]->(s)  CREATE (s)-[:CARBON\_AP\_LONE\_HAS\_CATEGORY]->(c) |
| Water | LOAD CSV WITH HEADERS FROM 'file:///action\_plans\_water.csv' AS row  WITH trim(row.`File Name`) AS fileName,       trim(row.Action) AS action,       trim(row.`Formal Stakeholder`) AS stakeholder,       trim(row.Category) AS category  MERGE (f:WATER\_AP\_LONE\_FILE {name: fileName})  CREATE (a:WATER\_AP\_LONE\_ACTION {name: action})  MERGE (s:WATER\_AP\_LONE\_STAKEHOLDER {name: stakeholder})  CREATE (c:WATER\_AP\_LONE\_CATEGORY {name: category, stakeholder: stakeholder})  CREATE (f)-[:WATER\_AP\_LONE\_HAS\_ACTION]->(a)  CREATE (a)-[:WATER\_AP\_LONE\_HAS\_STAKEHOLDER]->(s)  CREATE (s)-[:WATER\_AP\_LONE\_HAS\_CATEGORY]->(c) |
| Livelihood | LOAD CSV WITH HEADERS FROM 'file:///action\_plans\_live.csv' AS row  WITH trim(row.`File Name`) AS fileName,  trim(row.Action) AS action,  trim(row.`Formal Stakeholder`) AS stakeholder,  trim(row.Category) AS category  MERGE (f:LIVE\_AP\_LONE\_FILE {name: fileName})  CREATE (a:LIVE\_AP\_LONE\_ACTION {name: action})  MERGE (s:LIVE\_AP\_LONE\_STAKEHOLDER {name: stakeholder})  CREATE (c:LIVE\_AP\_LONE\_CATEGORY {name: category, stakeholder: stakeholder})  CREATE (f)-[:LIVE\_AP\_LONE\_HAS\_ACTION]->(a)  CREATE (a)-[:LIVE\_AP\_LONE\_HAS\_STAKEHOLDER]->(s)  CREATE (s)-[:LIVE\_AP\_LONE\_HAS\_CATEGORY]->(c) |

**Food Vision – No Report**

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| **Topics** | **Query** |
| Carbon | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_no\_report\_carbon.csv' AS row  MERGE (m:CARBON\_FVNR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:CARBON\_FVNR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:CARBON\_FVNR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:CARBON\_FVNR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:CARBON\_FVNR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:CARBON\_FVNR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:CARBON\_FVNR\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:CARBON\_FVNR\_LONE\_ACTION {name: row.ACTION})  CREATE (as:CARBON\_FVNR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:CARBON\_FVNR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:CARBON\_FVNR\_LONE\_ACTION\_LINK]->(as)  CREATE (s:CARBON\_FVNR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (a)-[:CARBON\_FVNR\_LONE\_ACTION\_STAKE\_LINK]->(s)  MERGE (c:CARBON\_FVNR\_LONE\_Category {name: row.Category})  CREATE (s)-[:CARBON\_FVNR\_LONE\_HAS\_CATEGORY]->(c) |
| Water | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_no\_report\_water.csv' AS row  MERGE (m:WATER\_FVNR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:WATER\_FVNR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:WATER\_FVNR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:WATER\_FVNR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:WATER\_FVNR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:WATER\_FVNR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:WATER\_FVNR\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:WATER\_FVNR\_LONE\_ACTION {name: row.ACTION})  CREATE (as:WATER\_FVNR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:WATER\_FVNR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:WATER\_FVNR\_LONE\_ACTION\_LINK]->(as)  CREATE (s:WATER\_FVNR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (a)-[:WATER\_FVNR\_LONE\_ACTION\_STAKE\_LINK]->(s)  MERGE (c:WATER\_FVNR\_LONE\_Category {name: row.Category})  CREATE (s)-[:WATER\_FVNR\_LONE\_HAS\_CATEGORY]->(c) |
| Livelihood | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_no\_report\_live.csv' AS row  MERGE (m:LIVE\_FVNR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:LIVE\_FVNR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:LIVE\_FVNR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:LIVE\_FVNR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:LIVE\_FVNR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:LIVE\_FVNR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:LIVE\_FVNR\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:LIVE\_FVNR\_LONE\_ACTION {name: row.ACTION})  CREATE (as:LIVE\_FVNR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:LIVE\_FVNR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:LIVE\_FVNR\_LONE\_ACTION\_LINK]->(as)  CREATE (s:LIVE\_FVNR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (a)-[:LIVE\_FVNR\_LONE\_ACTION\_STAKE\_LINK]->(s)  MERGE (c:LIVE\_FVNR\_LONE\_Category {name: row.Category})  CREATE (s)-[:LIVE\_FVNR\_LONE\_HAS\_CATEGORY]->(c) |

**Food Vision Report**

**Only Stakeholders**

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| **Topic** | **Query** |
| Carbon | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_carbon\_action.csv' AS row  MERGE (m:CARBON\_FVRA\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:CARBON\_FVRA\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:CARBON\_FVRA\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:CARBON\_FVRA\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:CARBON\_FVRA\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:CARBON\_FVRA\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:CARBON\_FVRA\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:CARBON\_FVRA\_LONE\_ACTION {name: row.ACTION})  CREATE (as:CARBON\_FVRA\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:CARBON\_FVRA\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:CARBON\_FVRA\_LONE\_ACTION\_LINK]->(as)  CREATE (s:CARBON\_FVRA\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (c:CARBON\_FVRA\_LONE\_Category {name: row.Category})  CREATE (a)-[:CARBON\_FVRA\_LONE\_ACTION\_STAKE\_LINK]->(s)  CREATE (s)-[:CARBON\_FVRA\_LONE\_HAS\_CATEGORY]->(c) |
| Water | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_water\_action.csv' AS row  MERGE (m:WATER\_FVRA\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:WATER\_FVRA\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:WATER\_FVRA\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:WATER\_FVRA\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:WATER\_FVRA\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:WATER\_FVRA\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:WATER\_FVRA\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:WATER\_FVRA\_LONE\_ACTION {name: row.ACTION})  CREATE (as:WATER\_FVRA\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:WATER\_FVRA\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:WATER\_FVRA\_LONE\_ACTION\_LINK]->(as)  CREATE (s:WATER\_FVRA\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (c:WATER\_FVRA\_LONE\_Category {name: row.Category})  CREATE (a)-[:WATER\_FVRA\_LONE\_ACTION\_STAKE\_LINK]->(s)  CREATE (s)-[:WATER\_FVRA\_LONE\_HAS\_CATEGORY]->(c) |
| Livelihood | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_live\_action.csv' AS row  MERGE (m:LIVE\_FVRA\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:LIVE\_FVRA\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:LIVE\_FVRA\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:LIVE\_FVRA\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:LIVE\_FVRA\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (m)-[:LIVE\_FVRA\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (g)-[:LIVE\_FVRA\_LONE\_GOAL\_LINK]->(gs)  CREATE (a:LIVE\_FVRA\_LONE\_ACTION {name: row.ACTION})  CREATE (as:LIVE\_FVRA\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (g)-[:LIVE\_FVRA\_LONE\_GOALACTION\_LINK]->(a)  CREATE (a)-[:LIVE\_FVRA\_LONE\_ACTION\_LINK]->(as)  CREATE (s:LIVE\_FVRA\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  CREATE (c:LIVE\_FVRA\_LONE\_Category {name: row.Category})  CREATE (a)-[:LIVE\_FVRA\_LONE\_ACTION\_STAKE\_LINK]->(s)  CREATE (s)-[:LIVE\_FVRA\_LONE\_HAS\_CATEGORY]->(c) |

**Report**

|  |  |
| --- | --- |
| **Topic** | **Query** |
| Carbon | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_carbon.csv' AS row  WITH row WHERE row.`REPORT SUMMARY` IS NOT NULL  MERGE (m:CARBON\_FVR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:CARBON\_FVR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:CARBON\_FVR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:CARBON\_FVR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:CARBON\_FVR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (g)-[:CARBON\_FVR\_LONE\_GOAL\_LINK]->(gs)  MERGE (m)-[:CARBON\_FVR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (a:CARBON\_FVR\_LONE\_ACTION {name: row.ACTION})  MERGE (as:CARBON\_FVR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (a)-[:CARBON\_FVR\_LONE\_ACTION\_LINK]->(as)  MERGE (g)-[:CARBON\_FVR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (p:CARBON\_FVR\_LONE\_PROGRAMME {name: row.PROGRAMME})  MERGE (a)-[:CARBON\_FVR\_LONE\_ACTION\_PROGRAMME\_LINK]->(p)  CREATE (rs:CARBON\_FVR\_LONE\_REPORT\_SUMMARY {text: row.`REPORT SUMMARY`})  MERGE (p)-[:CARBON\_FVR\_LONE\_PROGRAMME\_REPORT\_LINK]->(rs)  CREATE (fs:CARBON\_FVR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  MERGE (rs)-[:CARBON\_FVR\_LONE\_REPORT\_STAKE\_LINK]->(fs)  WITH fs, row  CREATE (rc:CARBON\_FVR\_LONE\_Report\_Category {name: row.`Report Category`})  CREATE (fs)-[:CARBON\_FVR\_LONE\_HAS\_REPORT\_CATEGORY]->(rc) |
| Water | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_water.csv' AS row  WITH row WHERE row.`REPORT SUMMARY` IS NOT NULL  MERGE (m:WATER\_FVR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:WATER\_FVR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:WATER\_FVR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:WATER\_FVR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:WATER\_FVR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (g)-[:WATER\_FVR\_LONE\_GOAL\_LINK]->(gs)  MERGE (m)-[:WATER\_FVR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (a:WATER\_FVR\_LONE\_ACTION {name: row.ACTION})  MERGE (as:WATER\_FVR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (a)-[:WATER\_FVR\_LONE\_ACTION\_LINK]->(as)  MERGE (g)-[:WATER\_FVR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (p:WATER\_FVR\_LONE\_PROGRAMME {name: row.PROGRAMME})  MERGE (a)-[:WATER\_FVR\_LONE\_ACTION\_PROGRAMME\_LINK]->(p)  CREATE (rs:WATER\_FVR\_LONE\_REPORT\_SUMMARY {text: row.`REPORT SUMMARY`})  MERGE (p)-[:WATER\_FVR\_LONE\_PROGRAMME\_REPORT\_LINK]->(rs)  CREATE (fs:WATER\_FVR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  MERGE (rs)-[:WATER\_FVR\_LONE\_REPORT\_STAKE\_LINK]->(fs)  WITH fs, row  CREATE (rc:WATER\_FVR\_LONE\_Report\_Category {name: row.`Report Category`})  CREATE (fs)-[:WATER\_FVR\_LONE\_HAS\_REPORT\_CATEGORY]->(rc) |
| Livelihood | LOAD CSV WITH HEADERS FROM 'file:///foodvision\_report\_live.csv' AS row  WITH row WHERE row.`REPORT SUMMARY` IS NOT NULL  MERGE (m:LIVE\_FVR\_LONE\_MISSION {name: row.MISSION})  MERGE (ms:LIVE\_FVR\_LONE\_MISSION\_STATEMENT {text: row.`MISSION STATEMENT`})  MERGE (m)-[:LIVE\_FVR\_LONE\_MISSION\_LINK]->(ms)  MERGE (g:LIVE\_FVR\_LONE\_GOAL {name: row.GOAL})  MERGE (gs:LIVE\_FVR\_LONE\_GOAL\_STATEMENT {text: row.`GOAL STATEMENT`})  MERGE (g)-[:LIVE\_FVR\_LONE\_GOAL\_LINK]->(gs)  MERGE (m)-[:LIVE\_FVR\_LONE\_MISSIONGOAL\_LINK]->(g)  MERGE (a:LIVE\_FVR\_LONE\_ACTION {name: row.ACTION})  MERGE (as:LIVE\_FVR\_LONE\_ACTION\_STATEMENT {text: row.`ACTION STATEMENT`})  MERGE (a)-[:LIVE\_FVR\_LONE\_ACTION\_LINK]->(as)  MERGE (g)-[:LIVE\_FVR\_LONE\_GOALACTION\_LINK]->(a)  CREATE (p:LIVE\_FVR\_LONE\_PROGRAMME {name: row.PROGRAMME})  MERGE (a)-[:LIVE\_FVR\_LONE\_ACTION\_PROGRAMME\_LINK]->(p)  CREATE (rs:LIVE\_FVR\_LONE\_REPORT\_SUMMARY {text: row.`REPORT SUMMARY`})  MERGE (p)-[:LIVE\_FVR\_LONE\_PROGRAMME\_REPORT\_LINK]->(rs)  CREATE (fs:LIVE\_FVR\_LONE\_Formal\_Stakeholder {name: row.`Formal Stakeholder`})  MERGE (rs)-[:LIVE\_FVR\_LONE\_REPORT\_STAKE\_LINK]->(fs)  WITH fs, row  CREATE (rc:LIVE\_FVR\_LONE\_Report\_Category {name: row.`Report Category`})  CREATE (fs)-[:LIVE\_FVR\_LONE\_HAS\_REPORT\_CATEGORY]->(rc) |

**Publications**

LOAD CSV WITH HEADERS FROM 'file:///publications.csv' AS row

MERGE (doc:PUBLICATION\_LONE\_Document {name: row.`Document Name`})

MERGE (doc)-[:PUBLICATION\_LONE\_HAS\_AUTHOR]->(author:PUBLICATION\_LONE\_Author {name: row.Author, docName: row.`Document Name`})

MERGE (author)-[:PUBLICATION\_LONE\_HAS\_YEAR]->(year:PUBLICATION\_LONE\_Year {value: row.Year, docName: row.`Document Name`})

MERGE (year)-[:PUBLICATION\_LONE\_HAS\_PRIMARY\_STAKEHOLDER]->(primary:PUBLICATION\_LONE\_PrimaryFormalName {

    name: row.`Primary Formal Name`,

    docName: row.`Document Name`,

    year: row.Year

})

CREATE (primary)-[:PUBLICATION\_LONE\_HAS\_TAG]->(tag:PUBLICATION\_LONE\_Tag {name: row.Tag})

CREATE (tag)-[:PUBLICATION\_LONE\_POINTS\_TO\_SECONDARY]->(secondary:PUBLICATION\_LONE\_SecondaryFormalName {

    name: row.`Secondary Formal Name`,

    uuid: randomUUID()

})

CREATE (secondary)-[:PUBLICATION\_LONE\_HAS\_CONTEXT]->(context:PUBLICATION\_LONE\_Context {

    text: row.Context,

    uuid: randomUUID()

})

CREATE (primary\_category:PUBLICATION\_LONE\_PrimaryCategory {

    name: row.`Primary Category`,

    uuid: randomUUID()

})

CREATE (primary)-[:PUBLICATION\_LONE\_HAS\_PRIMARY\_CATEGORY]->(primary\_category)

CREATE (secondary\_category:PUBLICATION\_LONE\_SecondaryCategory {

    name: row.`Secondary Category`,

    uuid: randomUUID()

})

CREATE (secondary)-[:PUBLICATION\_LONE\_HAS\_SECONDARY\_CATEGORY]->(secondary\_category)

**Transcripts**

|  |  |
| --- | --- |
| **Topic** | **Query** |
| Carbon | LOAD CSV WITH HEADERS FROM 'file:///sentiment\_carbon.csv' AS row  WITH row WHERE row.Labels IS NOT NULL  MERGE (carbon:CARBON\_SENTIMENT\_LONE\_Topic {name: 'carbon'})  MERGE (label:CARBON\_SENTIMENT\_LONE\_Label {name: row.Labels})  MERGE (carbon)-[:CARBON\_SENTIMENT\_LONE\_HAS\_LABEL]->(label)  MERGE (speaker:CARBON\_SENTIMENT\_LONE\_Speaker {name: row.Speaker})  MERGE (label)-[:CARBON\_SENTIMENT\_LONE\_HAS\_SPEAKER]->(speaker)  CREATE (thought:CARBON\_SENTIMENT\_LONE\_Thought {text: row.`Topic Thoughts`})  MERGE (label)-[:CARBON\_SENTIMENT\_LONE\_HAS\_THOUGHT]->(thought)  CREATE (sentiment:CARBON\_SENTIMENT\_LONE\_Sentiment {type: row.Sentiment})  MERGE (thought)-[:CARBON\_SENTIMENT\_LONE\_HAS\_SENTIMENT]->(sentiment)  CREATE (category:CARBON\_SENTIMENT\_LONE\_Category {name: row.Category})  MERGE (label)-[:CARBON\_SENTIMENT\_LONE\_HAS\_CATEGORY]->(category) |
| Water | LOAD CSV WITH HEADERS FROM 'file:///sentiment\_water.csv' AS row  WITH row WHERE row.Labels IS NOT NULL  MERGE (water:WATER\_SENTIMENT\_LONE\_Topic {name: 'water'})  MERGE (label:WATER\_SENTIMENT\_LONE\_Label {name: row.Labels})  MERGE (water)-[:WATER\_SENTIMENT\_LONE\_HAS\_LABEL]->(label)  MERGE (speaker:WATER\_SENTIMENT\_LONE\_Speaker {name: row.Speaker})  MERGE (label)-[:WATER\_SENTIMENT\_LONE\_HAS\_SPEAKER]->(speaker)  CREATE (thought:WATER\_SENTIMENT\_LONE\_Thought {text: row.`Topic Thoughts`})  MERGE (label)-[:WATER\_SENTIMENT\_LONE\_HAS\_THOUGHT]->(thought)  CREATE (sentiment:WATER\_SENTIMENT\_LONE\_Sentiment {type: row.Sentiment})  MERGE (thought)-[:WATER\_SENTIMENT\_LONE\_HAS\_SENTIMENT]->(sentiment)  CREATE (category:WATER\_SENTIMENT\_LONE\_Category {name: row.Category})  MERGE (label)-[:WATER\_SENTIMENT\_LONE\_HAS\_CATEGORY]->(category) |
| Livelihood | LOAD CSV WITH HEADERS FROM 'file:///sentiment\_live.csv' AS row  WITH row WHERE row.Labels IS NOT NULL  MERGE (live:LIVE\_SENTIMENT\_LONE\_Topic {name: 'live'})  MERGE (label:LIVE\_SENTIMENT\_LONE\_Label {name: row.Labels})  MERGE (live)-[:LIVE\_SENTIMENT\_LONE\_HAS\_LABEL]->(label)  MERGE (speaker:LIVE\_SENTIMENT\_LONE\_Speaker {name: row.Speaker})  MERGE (label)-[:LIVE\_SENTIMENT\_LONE\_HAS\_SPEAKER]->(speaker)  CREATE (thought:LIVE\_SENTIMENT\_LONE\_Thought {text: row.`Topic Thoughts`})  MERGE (label)-[:LIVE\_SENTIMENT\_LONE\_HAS\_THOUGHT]->(thought)  CREATE (sentiment:LIVE\_SENTIMENT\_LONE\_Sentiment {type: row.Sentiment})  MERGE (thought)-[:LIVE\_SENTIMENT\_LONE\_HAS\_SENTIMENT]->(sentiment)  CREATE (category:LIVE\_SENTIMENT\_LONE\_Category {name: row.Category})  MERGE (label)-[:LIVE\_SENTIMENT\_LONE\_HAS\_CATEGORY]->(category) |