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LOAD CSV WITH HEADERS FROM "file:///Compounds_sliced.csv" AS c_row
CREATE (c:Compound {name: c_row.name,c_id:c_row.id})
RETURN c
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LOAD CSV WITH HEADERS FROM "file:///sideeffects.csv" AS s_row
CREATE (s:SideEffect {name:
s_row.side_effect_name,s_id:s_row.umls_cui_from_meddra})
RETURN s
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LOAD CSV WITH HEADERS FROM "file:///Diseases_sliced.csv" AS d_row
CREATE (d:Disease {name: d_row.name,d_id:d_row.doid})
RETURN d
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LOAD CSV WITH HEADERS FROM "file:///Genes_sliced.csv" AS g_row
CREATE (g:Gene {name: g_row.Symbol,g_id:g_row.GeneID})
RETURN g
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LOAD CSV WITH HEADERS FROM "file:///CtD_edges_sliced.csv" AS r_row
MATCH (c:Compound {c_id:r_row.drugbank_id}),(d:Disease {d_id:r_row.doid_id})
CREATE (c) - [CtD:TREATS] -> (d)
RETURN c,CtD,d
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LOAD CSV WITH HEADERS FROM "file:///DaG_edges_sliced.csv" AS dg_row
MATCH (d:Disease {d_id:dg_row.source}),(g:Gene {g_id:dg_row.target})
CREATE (d) - [DaG:ASSOCIATES] -> (g)
RETURN d,DaG,g
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LOAD CSV WITH HEADERS FROM "file:///CtG_edges_sliced.csv" AS dg_row
MATCH (c:Compound {c_id:dg_row.source}),(g:Gene {g_id:dg_row.target})
CREATE (c) - [CaG:TARGETS] -> (g)
RETURN c,CaG,g
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```
LOAD CSV WITH HEADERS FROM "file:///CcS_edges_sliced.csv" AS css_row
MATCH (c:Compound {c_id:css_row.source}), (s:SideEffect {s_id:css_row.target})
CREATE (c) - [CsS:CAUSES] -> (s)
RETURN c, CsS, s
```

```
LOAD CSV WITH HEADERS FROM "file:///CdrG_edges_sliced.csv" AS cdrG_row
MATCH (c:Compound {c_id:cdrG_row.source}), (g:Gene {g_id:cdrG_row.target})
CREATE (c) - [CdrG:DOWNREGULATES] -> (g)
RETURN c, CdrG, g
```

```
LOAD CSV WITH HEADERS FROM "file:///CurG_edges_sliced.csv" AS curG_row
MATCH (c:Compound {c_id:curG_row.source}), (g:Gene {g_id:curG_row.target})
CREATE (c) - [CurG:UPREGULATES] -> (g)
RETURN c, CurG, g
```

```
LOAD CSV WITH HEADERS FROM "file:///PiP_edges_sliced.csv" AS pip_row
MATCH (g:Gene {g_id:pip_row.source}), (g1:Gene {g_id:pip_row.target})
CREATE (g) - [PiP:INTERACTS] -> (g1)
RETURN g, PiP, g1
```

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MATCH (n)
DETACH DELETE n
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