USING PERIODIC COMMIT 1200

LOAD CSV WITH HEADERS FROM 'file:///worldbank\_cleaned.csv' AS row

MERGE (:Region {name: row.regionname,cname:row.countryname});

// Create Country nodes

LOAD CSV WITH HEADERS FROM 'file:///worldbank\_cleaned.csv' AS row

MERGE (:Country {name: row.countryname});

// Create Project nodes

LOAD CSV WITH HEADERS FROM 'file:///worldbank\_cleaned.csv' AS row

MERGE (:Project {Id: row.id, name: row.project\_name,cname:row.countryname, status: row.projectstatusdisplay,objective:row.pdo,agency:row.impagency,URL:row.url,total\_commitment:row.curr\_total\_commitment,current\_cost:row.curr\_project\_cost,grant:row.grantamt,l:row.lendinginstr

});

MATCH (p:Project), (c:Country)

WHERE p.cname = c.name

MERGE (p)-[:DONE\_IN]->(c);

MATCH (c:Country), (r:Region)

WHERE c.name = r.cname

MERGE (c)-[:BELONGS\_TO]->(r);

MATCH (p:Project)-[rel:DONE\_IN]->(c:Country)

WHERE NOT exists(p.total\_expenditure) // To avoid recalculating if the property already exists

SET rel.total\_expenditure = coalesce(p.total\_commitment, 0) + coalesce(p.grant, 0) + coalesce(p.current\_cost, 0),rel.lendinginstr = p.lendinginstr;

MERGE (p)-[:DONE\_IN]->(c);