CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Leading Role", Nominee: "Javier Bardem", Additional\_info: "Biutiful {'Uxbal'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Leading Role", Nominee: "Jeff Bridges", Additional\_info: "True Grit {'Rooster Cogburn'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Leading Role", Nominee: "Jesse Eisenberg", Additional\_info: "The Social Network {'Mark Zuckerberg'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Leading Role", Nominee: "Colin Firth", Additional\_info: "The King's Speech {'King George VI'}", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Leading Role", Nominee: "James Franco", Additional\_info: "127 Hours {'Aron Ralston'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Supporting Role", Nominee: "Christian Bale", Additional\_info: "The Fighter {'Dicky Eklund'}", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Supporting Role", Nominee: "John Hawkes", Additional\_info: "Winter's Bone {'Teardrop'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actor -- Supporting Role", Nominee: "Jeremy Renner", Additional\_info: "The Town {'James Coughlin'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Leading Role", Nominee: "Annette Bening", Additional\_info: "The Kids Are All Right {'Nic'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Leading Role", Nominee: "Nicole Kidman", Additional\_info: "Rabbit Hole {'Becca'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Leading Role", Nominee: "Jennifer Lawrence", Additional\_info: "Winter's Bone {'Ree'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Leading Role", Nominee: "Natalie Portman", Additional\_info: "Black Swan {'Nina Sayers/The Swan Queen'}", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Supporting Role", Nominee: "Amy Adams", Additional\_info: "The Fighter {'Charlene Fleming'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Supporting Role", Nominee: "Helena Bonham Carter", Additional\_info: "The King's Speech {'Queen Elizabeth'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Supporting Role", Nominee: "Melissa Leo", Additional\_info: "The Fighter {'Alice Ward'}", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Actress -- Supporting Role", Nominee: "Hailee Steinfeld", Additional\_info: "True Grit {'Mattie Ross'}", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Art Direction", Nominee: "Alice in Wonderland", Additional\_info: "Production Design: Robert Stromberg; Set Decoration: Karen O'Hara", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Art Direction", Nominee: "Harry Potter and the Deathly Hallows Part 1", Additional\_info: "Production Design: Stuart Craig; Set Decoration: Stephenie McMillan", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Art Direction", Nominee: "Inception", Additional\_info: "Production Design: Guy Hendrix Dyas; Set Decoration: Larry Dias and Doug Mowat", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Art Direction", Nominee: "The King's Speech", Additional\_info: "Production Design: Eve Stewart; Set Decoration: Judy Farr", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Best Picture", Nominee: "The King's Speech", Additional\_info: "Iain Canning, Emile Sherman and Gareth Unwin, Producers", WON: "YES"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Best Picture", Nominee: "127 Hours", Additional\_info: "Christian Colson, Danny Boyle and John Smithson, Producers", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Best Picture", Nominee: "The Social Network", Additional\_info: "Scott Rudin, Dana Brunetti, Michael De Luca and Ceán Chaffin, Producers", WON: "NO"});

CREATE

(Award:NOMINEE {Year: 2010, Category: "Best Picture", Nominee: "Toy Story 3", Additional\_info: "Darla K. Anderson, Producer", WON: "NO"});

// create relationships

MATCH (a1:NOMINEE {Nominee: "Javier Bardem"}), (c1:NOMINEE {Category: "Actor -- Leading Role"})

CREATE (a1)-[:NOMINATED\_FOR]->(c1);

MATCH (a2:NOMINEE {Nominee: "Jeff Bridges"}), (c2:NOMINEE {Category: "Actor -- Leading Role"})

CREATE (a2)-[:NOMINATED\_FOR]->(c2);

MATCH (a3:NOMINEE {Nominee: "Jesse Eisenberg"}), (c3:NOMINEE {Category: "Actor -- Leading Role"})

CREATE (a3)-[:NOMINATED\_FOR]->(c3);

MATCH (a4:NOMINEE {Nominee: "Colin Firth"}), (c4:NOMINEE {Category: "Actor -- Leading Role"})

CREATE (a4)-[:NOMINATED\_FOR]->(c4);

MATCH (a5:NOMINEE {Nominee: "James Franco"}), (c5:NOMINEE {Category: "Actor -- Leading Role"})

CREATE (a5)-[:NOMINATED\_FOR]->(c5);

MATCH (a6:NOMINEE {Nominee: "Christian Bale"}), (c6:NOMINEE {Category: "Actor -- Supporting Role"})

CREATE (a6)-[:NOMINATED\_FOR]->(c6);

MATCH (a7:NOMINEE {Nominee: "John Hawkes"}), (c7:NOMINEE {Category: "Actor -- Supporting Role"})

CREATE (a7)-[:NOMINATED\_FOR]->(c7);

MATCH (a8:NOMINEE {Nominee: "Jeremy Renner"}), (c8:NOMINEE {Category: "Actor -- Supporting Role"})

CREATE (a8)-[:NOMINATED\_FOR]->(c8);

MATCH (a9:NOMINEE {Nominee: "Annette Bening"}), (c9:NOMINEE {Category: "Actress -- Leading Role"})

CREATE (a9)-[:NOMINATED\_FOR]->(c9);

MATCH (a10:NOMINEE {Nominee: "Nicole Kidman"}), (c10:NOMINEE {Category: "Actress -- Leading Role"})

CREATE (a10)-[:NOMINATED\_FOR]->(c10);

MATCH (a11:NOMINEE {Nominee: "Jennifer Lawrence"}), (c11:NOMINEE {Category: "Actress -- Leading Role"})

CREATE (a11)-[:NOMINATED\_FOR]->(c11);

MATCH (a12:NOMINEE {Nominee: "Natalie Portman"}), (c12:NOMINEE {Category: "Actress -- Leading Role"})

CREATE (a12)-[:NOMINATED\_FOR]->(c12);

MATCH (a13:NOMINEE {Nominee: "Amy Adams"}), (c13:NOMINEE {Category: "Actress -- Supporting Role"})

CREATE (a13)-[:NOMINATED\_FOR]->(c13);

MATCH (a14:NOMINEE {Nominee: "Helena Bonham Carter"}), (c14:NOMINEE {Category: "Actress -- Supporting Role"})

CREATE (a14)-[:NOMINATED\_FOR]->(c14);

MATCH (a15:NOMINEE {Nominee: "Melissa Leo"}), (c15:NOMINEE {Category: "Actress -- Supporting Role"})

CREATE (a15)-[:NOMINATED\_FOR]->(c15);

MATCH (a16:NOMINEE {Nominee: "Hailee Steinfeld"}), (c16:NOMINEE {Category: "Actress -- Supporting Role"})

CREATE (a16)-[:NOMINATED\_FOR]->(c16);

MATCH (a17:NOMINEE {Nominee: "Alice in Wonderland"}), (c17:NOMINEE {Category: "Art Direction"})

CREATE (a17)-[:NOMINATED\_FOR]->(c17);

MATCH (a18:NOMINEE {Nominee: "Harry Potter and the Deathly Hallows Part 1"}), (c18:NOMINEE {Category: "Art Direction"})

CREATE (a18)-[:NOMINATED\_FOR]->(c18);

MATCH (a19:NOMINEE {Nominee: "Inception"}), (c19:NOMINEE {Category: "Art Direction"})

CREATE (a19)-[:NOMINATED\_FOR]->(c19);

MATCH (a20:NOMINEE {Nominee: "The King's Speech"}), (c20:NOMINEE {Category: "Art Direction"})

CREATE (a20)-[:NOMINATED\_FOR]->(c20);

MATCH (a21:NOMINEE {Nominee: "The King's Speech"}), (c21:NOMINEE {Category: "Best Picture"})

CREATE (a21)-[:NOMINATED\_FOR]->(c21);

MATCH (a22:NOMINEE {Nominee: "127 Hours"}), (c22:NOMINEE {Category: "Best Picture"})

CREATE (a22)-[:NOMINATED\_FOR]->(c22);

MATCH (a23:NOMINEE {Nominee: "The Social Network"}), (c23:NOMINEE {Category: "Best Picture"})

CREATE (a23)-[:NOMINATED\_FOR]->(c23);

MATCH (a24:NOMINEE {Nominee: "Toy Story 3"}), (c24:NOMINEE {Category: "Best Picture"})

CREATE (a24)-[:NOMINATED\_FOR]->(c24);

// checking for null values:

MATCH (n:NOMINEE)

WHERE n.Nominee IS NULL

RETURN n;

//fnd the total number of nominees in each category

MATCH (n:NOMINEE)

RETURN n.Category, COUNT(n) as Total\_Nominees

ORDER BY Total\_Nominees DESC;

//find number of loosers and winners

MATCH (n:NOMINEE)

RETURN n.WON, COUNT(n) as Total

ORDER BY Total DESC;

//categories with highesr and lowest no of nominees

MATCH (n:NOMINEE)

WITH n.Category as Category, COUNT(n) as Total\_Nominees

ORDER BY Total\_Nominees DESC

RETURN Category, Total\_Nominees

LIMIT 1

UNION

MATCH (n:NOMINEE)

WITH n.Category as Category, COUNT(n) as Total\_Nominees

ORDER BY Total\_Nominees ASC

RETURN Category, Total\_Nominees

LIMIT 1;

//categories with >3 employees:

MATCH (n:NOMINEE)

WITH n.Category as Category, COUNT(n) as Total\_Nominees

WHERE Total\_Nominees > 3

RETURN Category, Total\_Nominees

ORDER BY Total\_Nominees DESC;