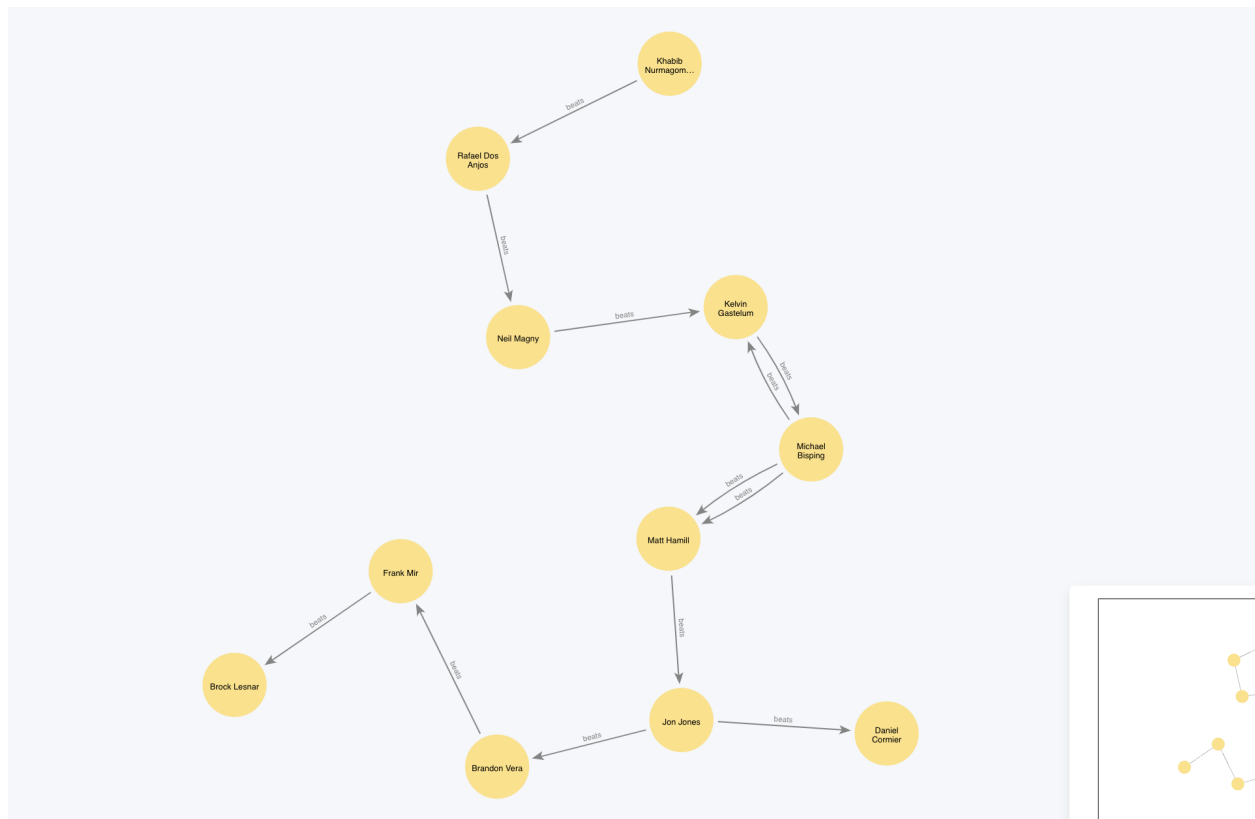


## Lab 11 Task by Eje David (d.edje@innopolis.university)

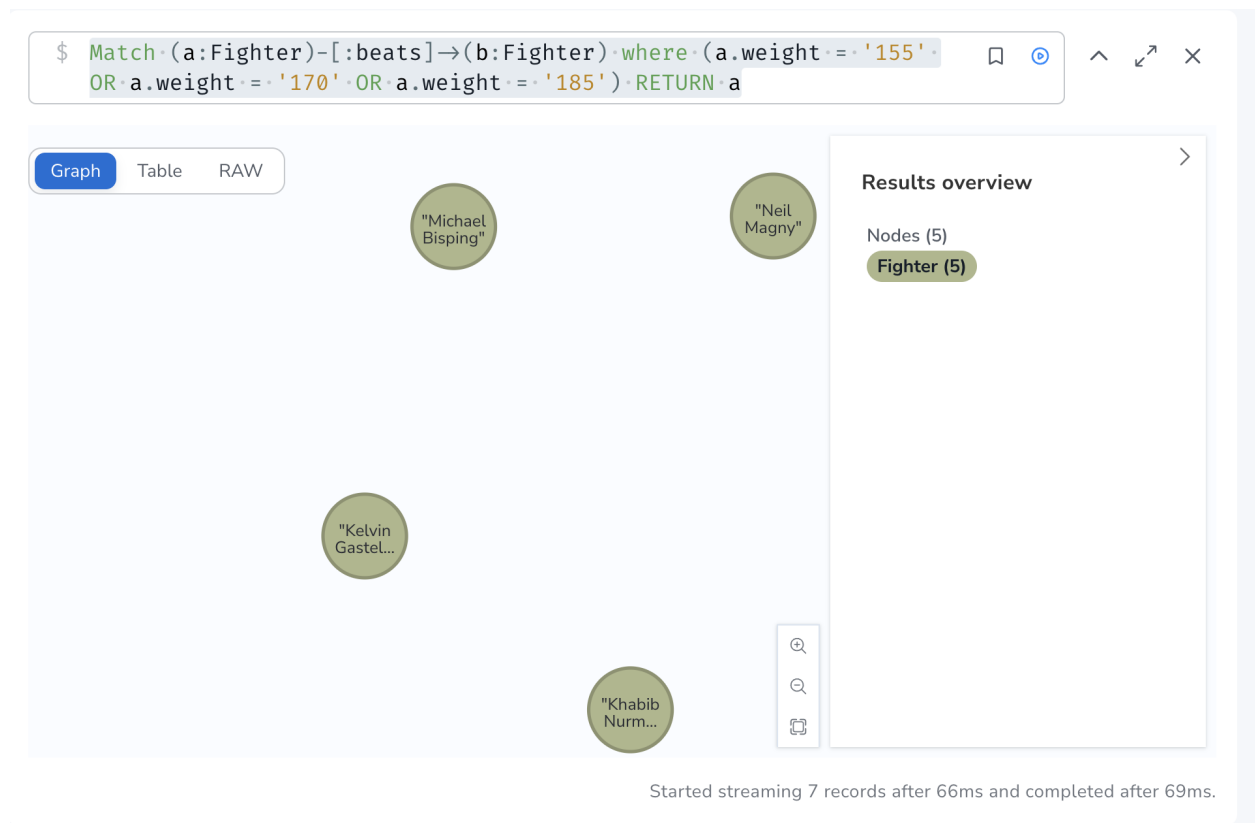
### DDL

CREATE(Kh:Fighter{name:'Khabib Nurmagomedov', weight:'155'}), (Ra:Fighter{name:'Rafael Dos Anjos', weight:'155'}), (Ne:Fighter{name:'Neil Magny', weight:'170'}), (Jo:Fighter{name:'Jon Jones', weight:'205'}), (Da:Fighter{name:'Daniel Cormier', weight:'205'}), (Mi:Fighter{name:'Michael Bisping', weight:'185'}), (Ma:Fighter{name:'Matt Hamill', weight:'205'}), (Br:Fighter{name:'Brandon Vera', weight:'205'}), (Fr:Fighter{name:'Frank Mir', weight:'230'}), (BL:Fighter{name:'Brock Lesnar', weight:'230'}), (Ke:Fighter{name:'Kelvin Gastelum', weight:'185'}), (Kh)-[:beats]->(Ra), (Ra)-[:beats]->(Ne), (Jo)-[:beats]->(Da), (Mi)-[:beats]->(Ma), (Jo)-[:beats]->(Br), (Br)-[:beats]->(Fr), (Fr)-[:beats]->(BL), (Ne)-[:beats]->(Ke), (Ke)-[:beats]->(Mi), (Mi)-[:beats]->(Ma), (Ma)-[:beats]->(Jo)



### Task 1

**Match** (a:Fighter)-[:beats]->(b:Fighter) **where** (a.weight = '155' OR a.weight = '170' OR a.weight = '185') **RETURN** a



## Task 2

**MATCH** (a:Fighter), (b: Fighter) **where** (a)-[:beats]->(b)  
**AND** (b)-[:beats]->(a) **RETURN** a, b

```
$ MATCH (a:Fighter), (b:Fighter) where (a)-[:beats]→(b) AND (b)-[:beats]→(a) RETURN a, b
```



Graph Table RAW

"Kelvin Gastel..."

"Michael Bisping"



### Results overview

Nodes (2)

Fighter (2)

Started streaming 2 records after 191ms and completed after 207ms.