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## How can I only return nodes with over a certain number of relationships in Neo4j?

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asked 4 months ago

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I'm following this tutorial: [http://neo4j.com/developer/guide-import-csv/#\\_super\\_fast\\_batch\\_importer\\_for\\_huge\\_datasets](http://neo4j.com/developer/guide-import-csv/#_super_fast_batch_importer_for_huge_datasets)

Suppose I want to find all the companies where there have been more than 5 complaints attacked to that company. In this graph, there are two nodes Complaint and Company, and a directed edge of type "AGAINST" from Complaint to Company

```
MATCH (company)-[z:AGAINST]->(complaint) where COUNT(z) > 5 RETURN company
```

neo4j cypher

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edited Apr 6 at 23:12

asked Apr 6 at 23:04

 **jsc123**

473 ● 8 ● 27

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### 1 Answer

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```
// find the companies with complaints
MATCH (company)-[z:AGAINST]->(c:Complaint)
WITH company, count(*) as complaints
// return only the ones where there are more than 5 complaints
where complaints > 5
return company, complaints
```

If you want to return all of the companies, complaints and their relationships...

```
// find the companies with complaints
MATCH (company)-[z:AGAINST]->(c:Complaint)
// count the complaints and collect them separately with the relationships
WITH company
, count(*) as num_complaints
, collect(z) as details
, collect(c) as complaints
// return only the ones where there are more than 5 complaints
where num_complaints > 4
return company, details, complaints
```

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edited Apr 7 at 1:22

answered Apr 6 at 23:33



**Dave Bennett**

2,865 ● 2 ● 6 ● 26


If I want to display all nodes, relationships and paths found in this query, how would I do this? I attempted to follow the "Return all elements" syntax on this page ([neo4j.com/docs/stable/query-return.html](http://neo4j.com/docs/stable/query-return.html)) but was not successful. – [jsc123](#) Apr 7 at 1:13

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