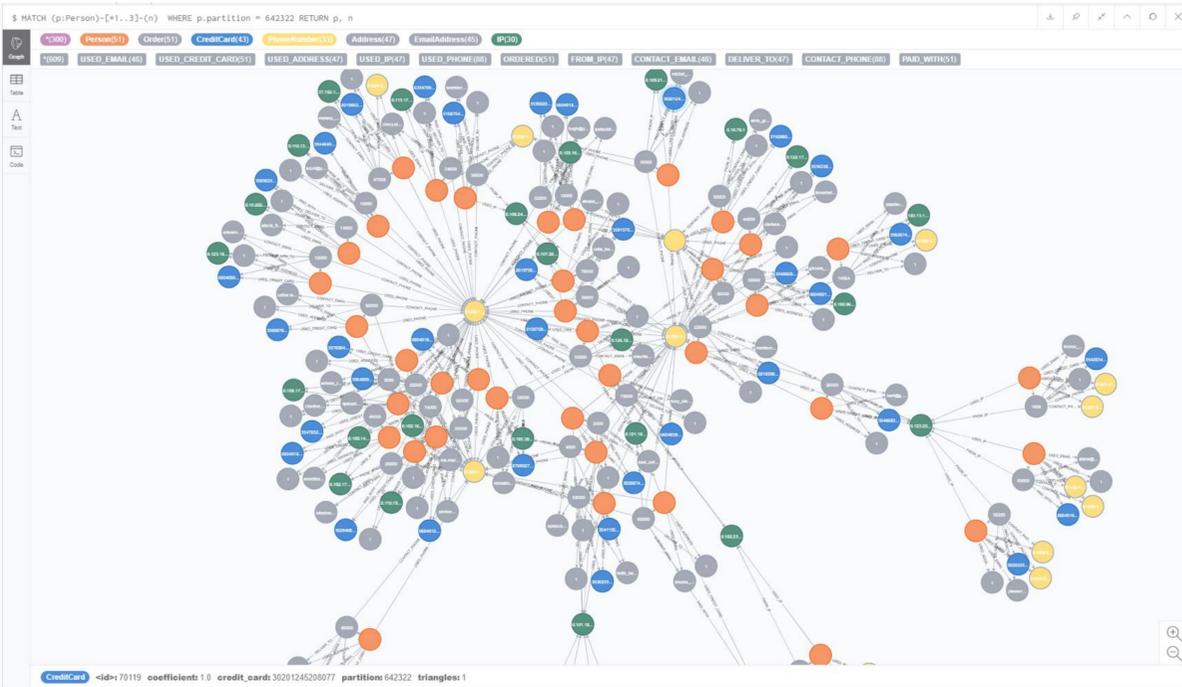
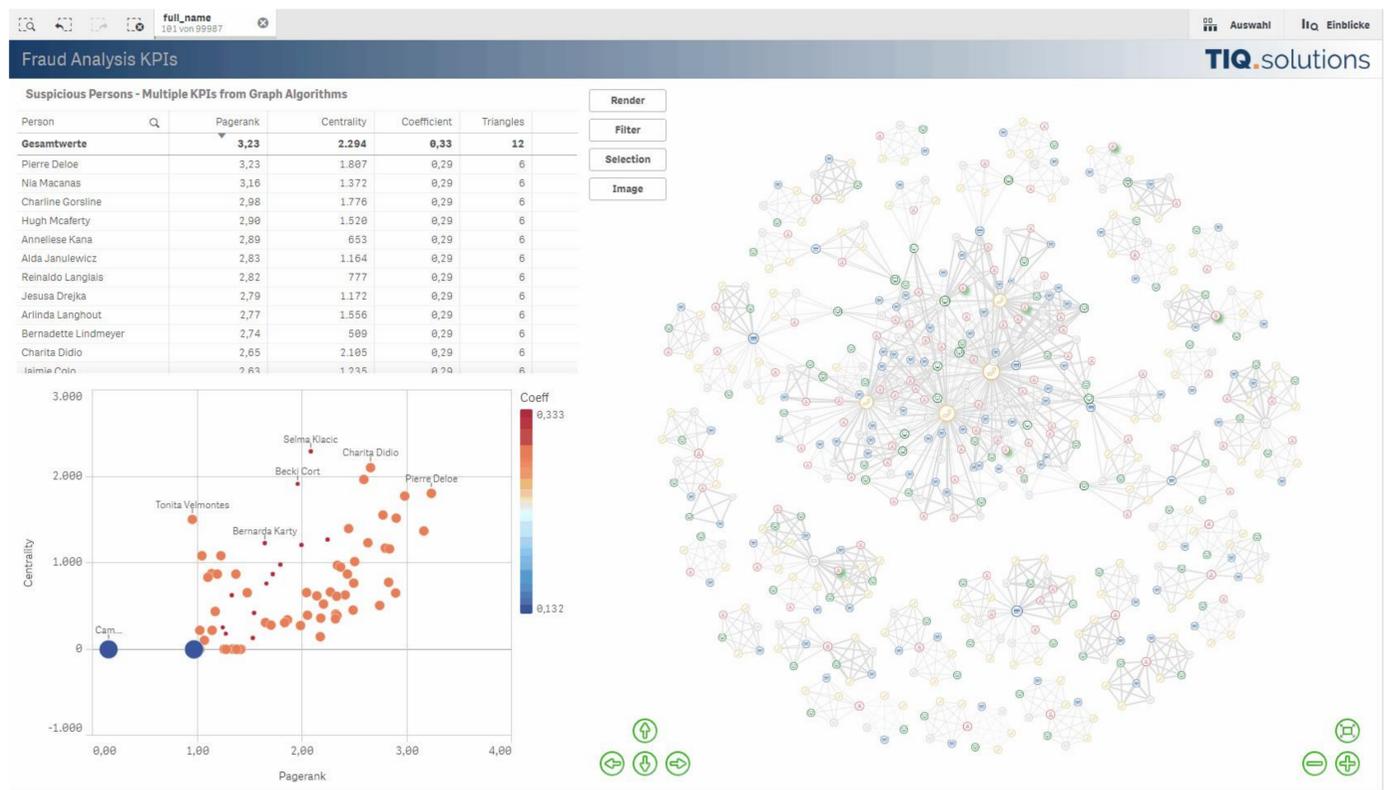


The application created by TIQ Solutions helps to understand fraud and find suspicious elements or players in eCommerce. The connected data as graph allows to look at all the evidence across all the customers and join the dots to build a picture of what a fraudster looks like and prevent them from making fraudulent transactions. By using the power of the Neo4j graph engine and the Neo4j graph algorithms, it's possible to query the graph and to calculate Graph KPIs into the Qlik Dashboard to get faster and more hidden insights about the fraud behavior.



Data's more powerful when it's connected - Fraud Data modeled as a Graph



Integrated Graph KPIs in Qlik Sense Dashboard Objects, TIQ Network Extension on the right side



## DISCOVERIES

Customers find and investigate the relationships between the entities in fraud detection: persons, shared credit cards, phone numbers etc. The information is connected and visible at the same time, so they see not just records but entities in their context and can make hidden patterns visible.



## ACHIEVEMENTS

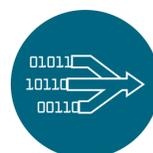
Companies using this solution can detect and prevent fraud attempts. The risk of fraud could be reduced by 30%.



## AUDIENCE

Fraud detection teams

The application is also adaptable for Law Enforcement, Cyber Security, IT Infrastructure, Logistics.



## DATA AND ADVANCED ANALYTICS

- Neo4j graph engine
- Neo4j graph algorithms
- TIQ Neo4j Server-side Extension

With the application, Fraudsters can be identified and future fraudulent transactions can be prevented.