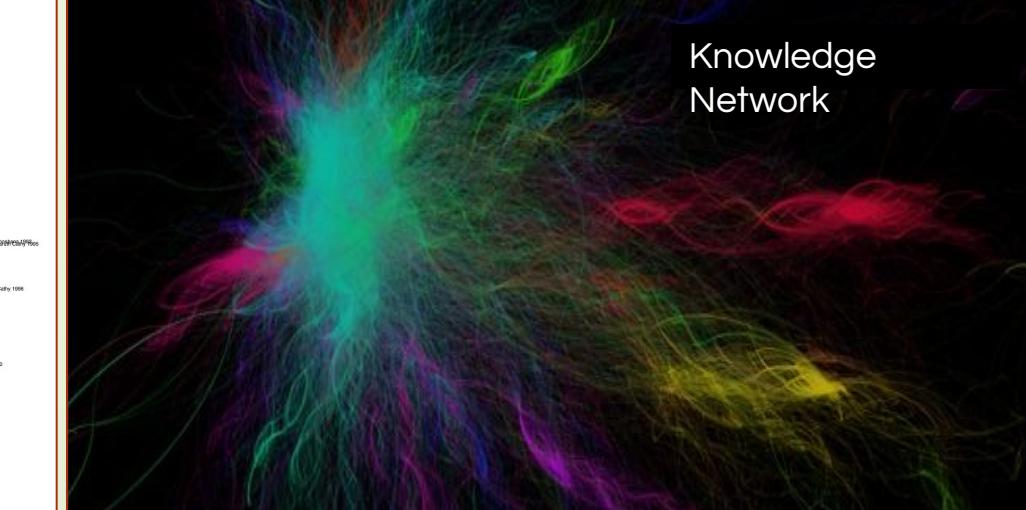
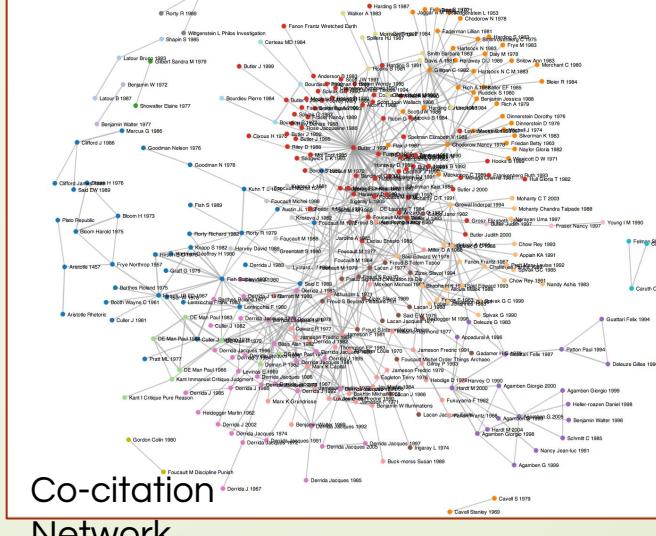
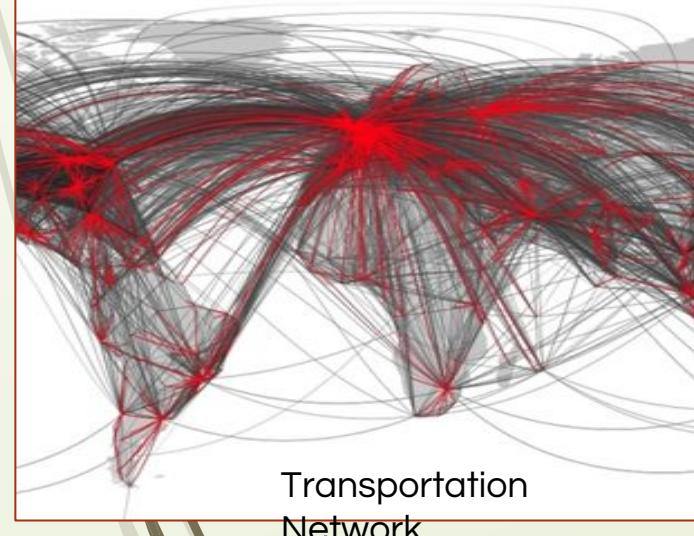
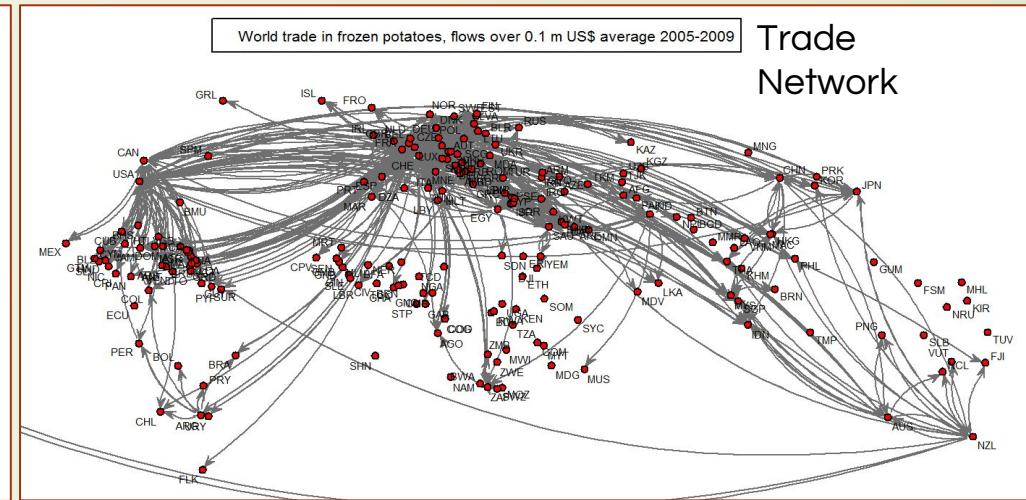
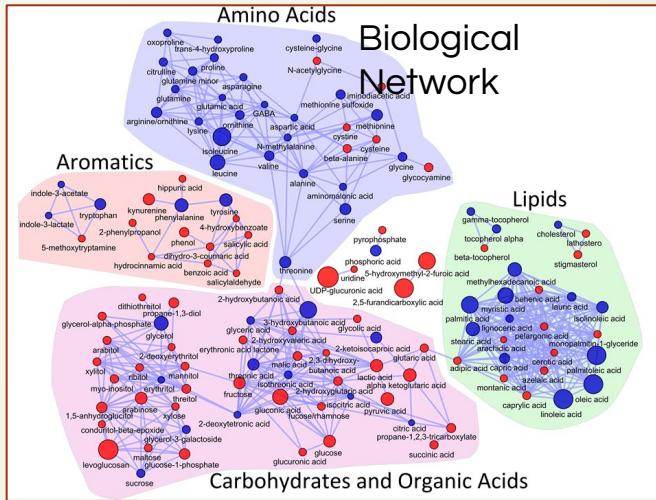
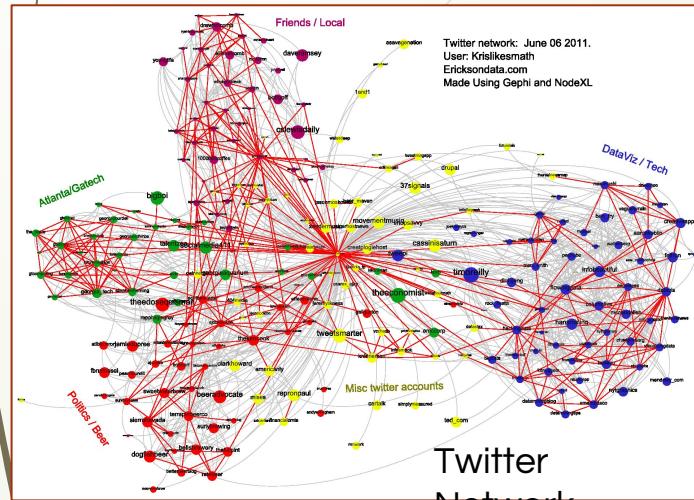
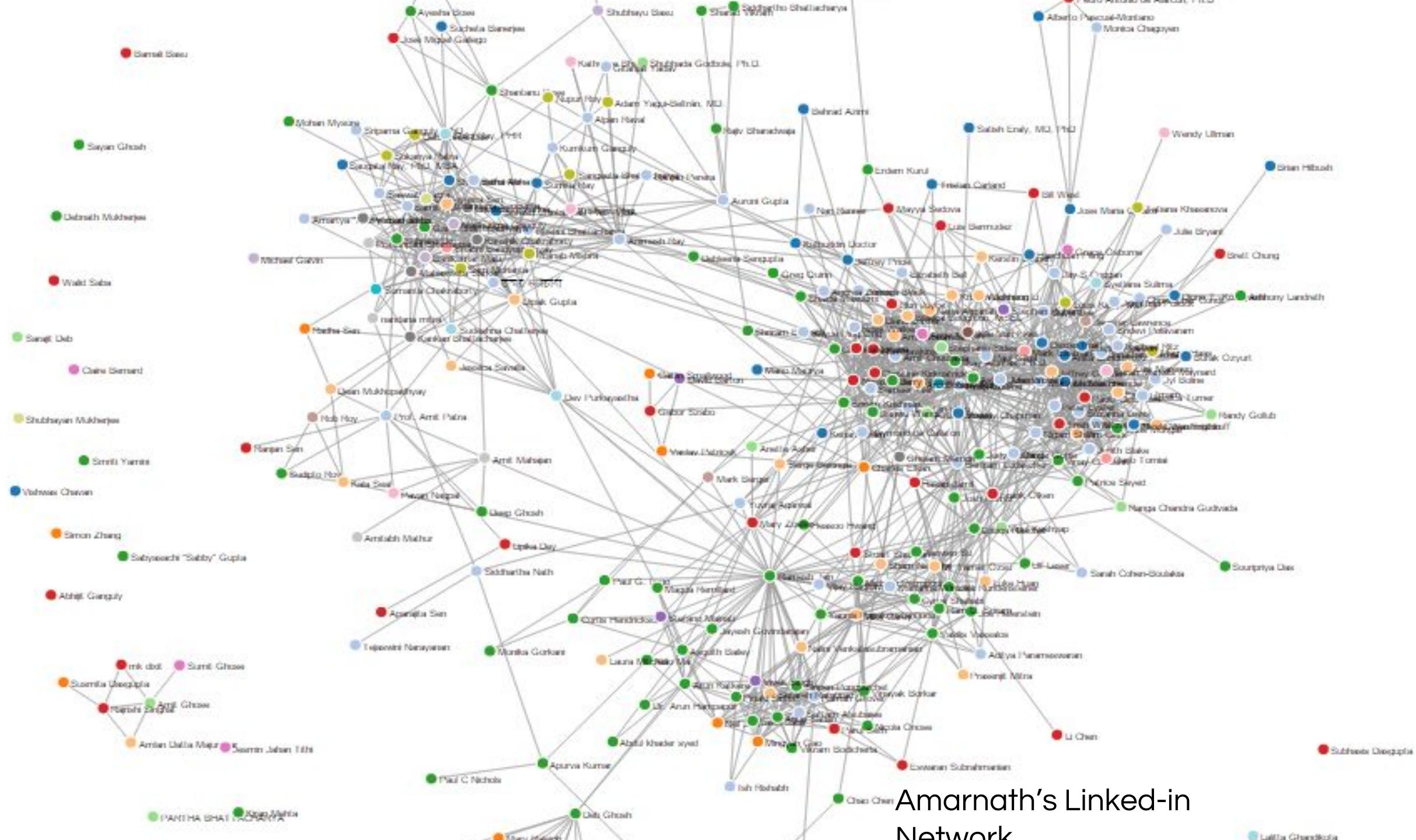




# Neo4J Tutorial

# Graphs Are Everywhere





# Amarnath's Linked-in Network

Gmail ▾

COMPOSE

Primary Social Promotions 1 new

Inbox Social

Important

Chats

Sent Mail

Drafts [10]

All Mail

Spam [859]

Amaramath

Aditya Bagchi

Arjun Saitish

Auronli Gupta

Banikumar Maiti

Chaitali Chatterjee

Chandana Sengup

Christopher Condit

Deb Ghosh

Gargi Chattopadhy

Jonathan Cachat

Madhurima Gangu

meliissa haendel

Subhasis Dasgupta

Ilkay Altintas (via Goog.)

Ilkay Altintas (via Goog.)

Times Internet

Times Internet

Future Generation Comput.

Gregory Kedden

GitHub

Molly Roberts (via Googl.)

LinkedIn

Deep Ghosh

Dropbox

Brad Drinkwater

E\*TRADE SECURITIES LLC

Molly, me (14)

Richard, me (2)

Github

itinerary - Amaramath Da. My flight details : Date Flight From To Depart Arrive Aircraft Asia Miles C

Project 3 - Julian McAuley - Invitation to edit - Ilkay Altintas has invited you to edit the following docu

Project 7 - Yannis Papakonstantinou - Invitation to edit - Ilkay Altintas has invited you to edit the fol

Times Internet Account Recovery - Times Internet Dear Amaramath Gupta, We have

Welcome to Times Internet. - Times Internet Times Internet Dear Amaramath Gupta, Congratulations

Review assignment for FGCS-D-15-00468 is due soon - Ms. Ref. No.: FGCS-D-15-00468 Title: Q

Fwd: agenda - https://docs.google.com/document/d/1m8zCw8UxTbxske3sGS-iKQgIBw6QnTq

[GitHub] Subscribed to monarch-initiative/impact notifications - Hey there, we're just writing to let y

Database Query Command Line Brainstorm - Invitation to edit - Molly Roberts has invited you to ed

News about Vishwas Chavan, Joe Hellerstein - Your connections are in the news! Manuscript at th

Article - https://www.linkedin.com/grp/post/93115-6058263008252096514 Best Regards, Deep Gh

Stephen and 1 other made changes in your shared folders - Here's what happened in your shared fo

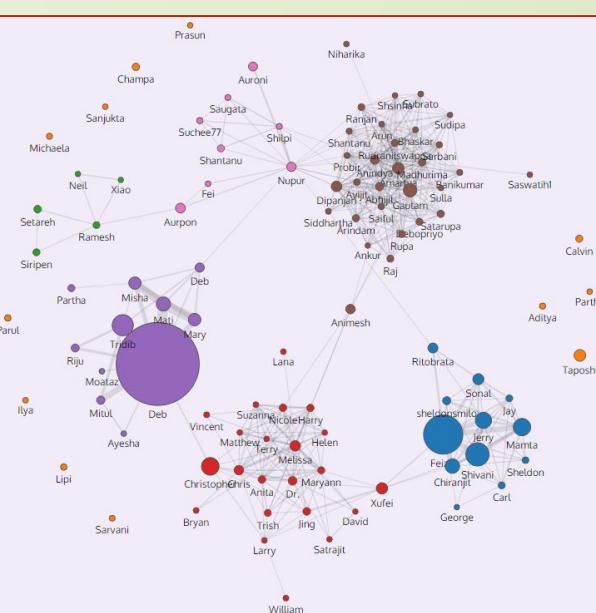
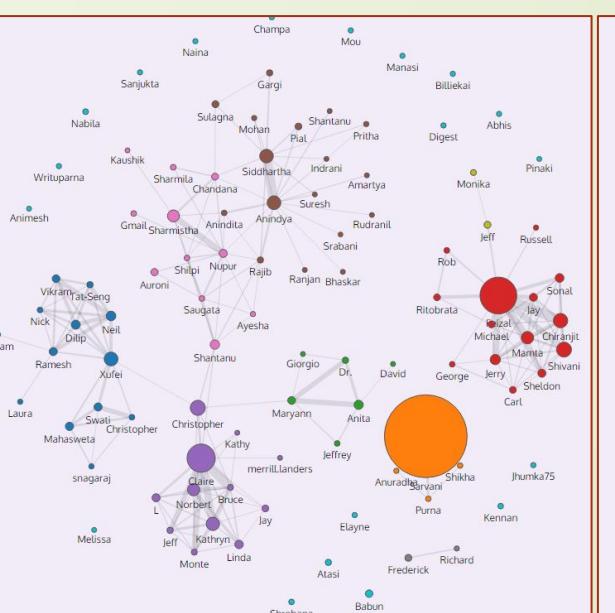
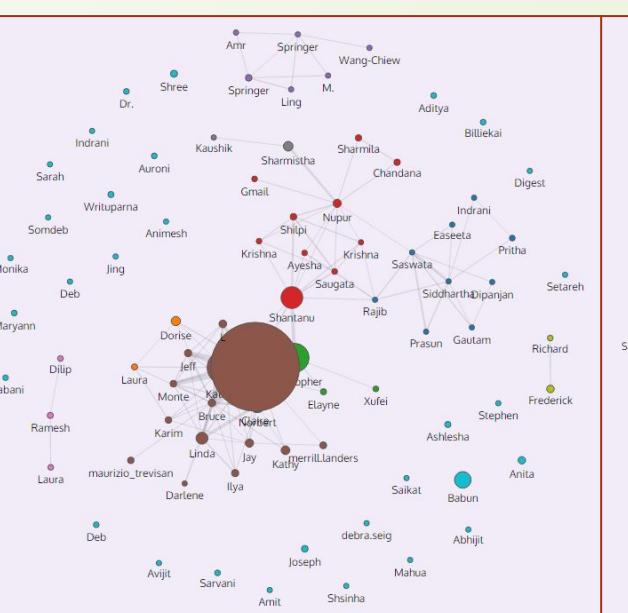
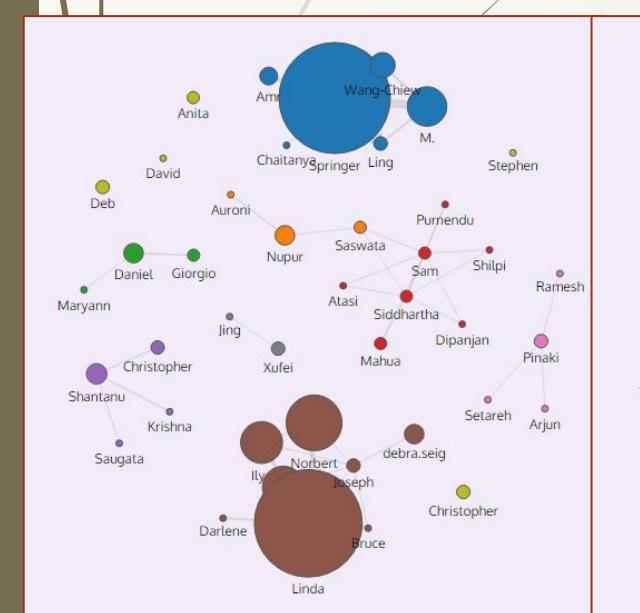
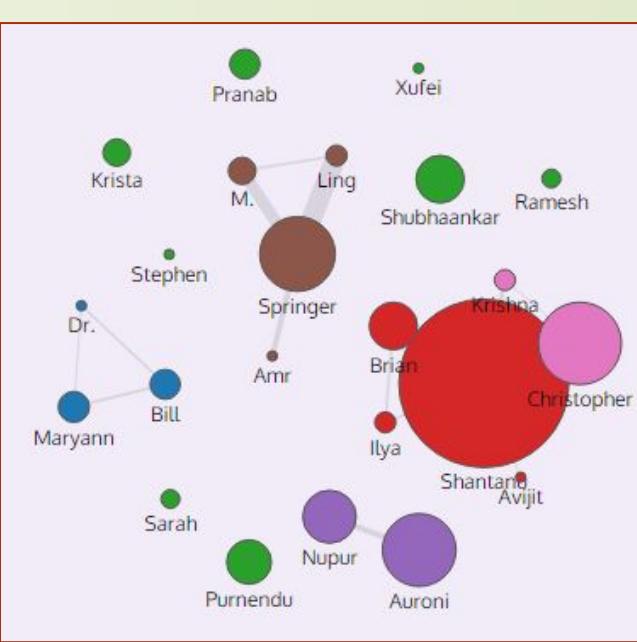
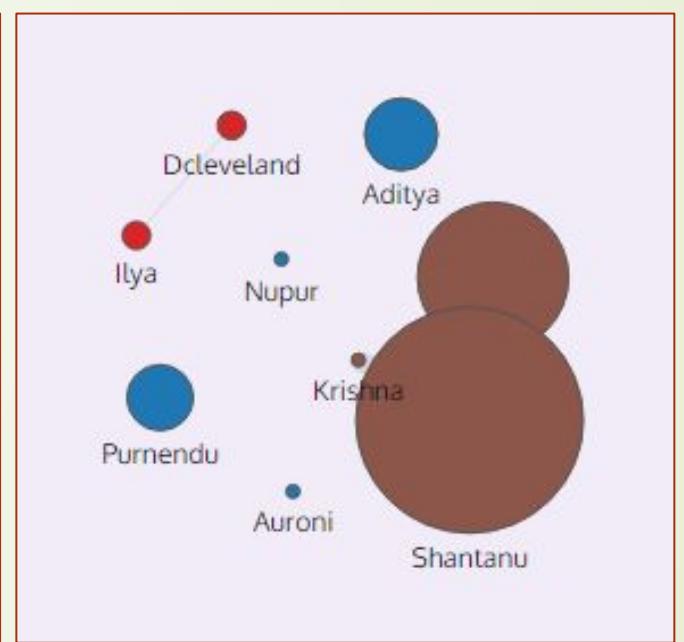
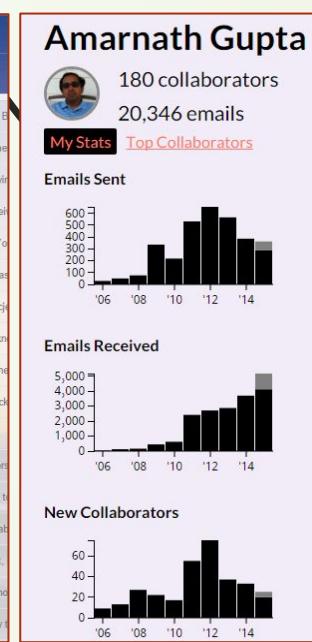
IBM - Time to Talk? - Hello Amaramath, This is Brad Drinkwater with the IBM Analytics Team. I wa

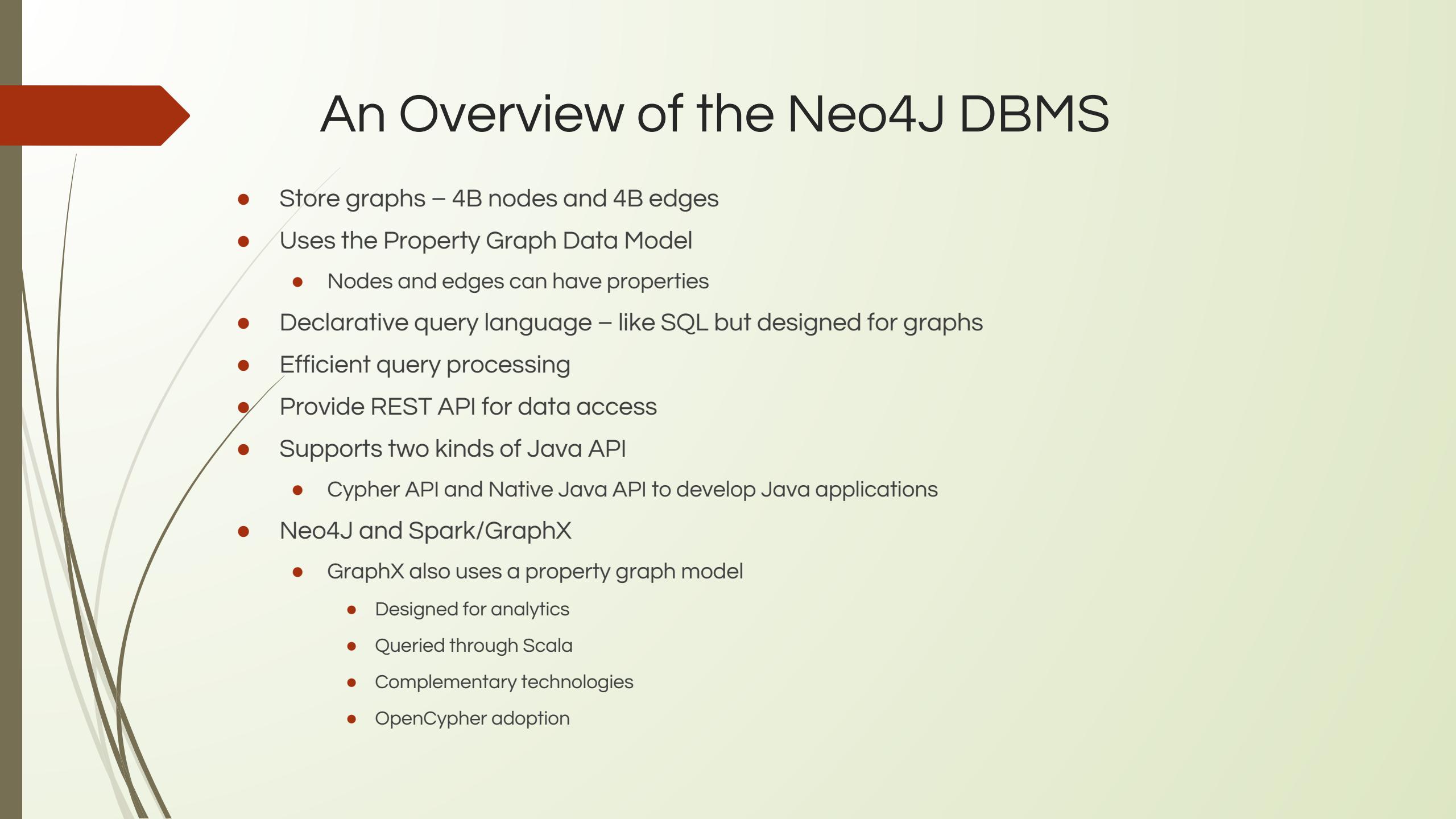
You have a new account statement from E\*TRADE Securities - Your Account Statement is Now Av

FISP Proposal Template.docx - Invitation to edit - sounds good! you can come to my office if you

Did you get the CMA report? - Hello Richard: Yes, I received the report and your emails. But I wo

[GitHub] Subscribed to mas-dse/2014-team1 notifications - Hey there, we're just writing to let you





# An Overview of the Neo4J DBMS

- Store graphs – 4B nodes and 4B edges
- Uses the Property Graph Data Model
  - Nodes and edges can have properties
- Declarative query language – like SQL but designed for graphs
- Efficient query processing
- Provide REST API for data access
- Supports two kinds of Java API
  - Cypher API and Native Java API to develop Java applications
- Neo4J and Spark/GraphX
  - GraphX also uses a property graph model
    - Designed for analytics
    - Queried through Scala
    - Complementary technologies
    - OpenCypher adoption