

# J\_A\_R\_V\_I\_S



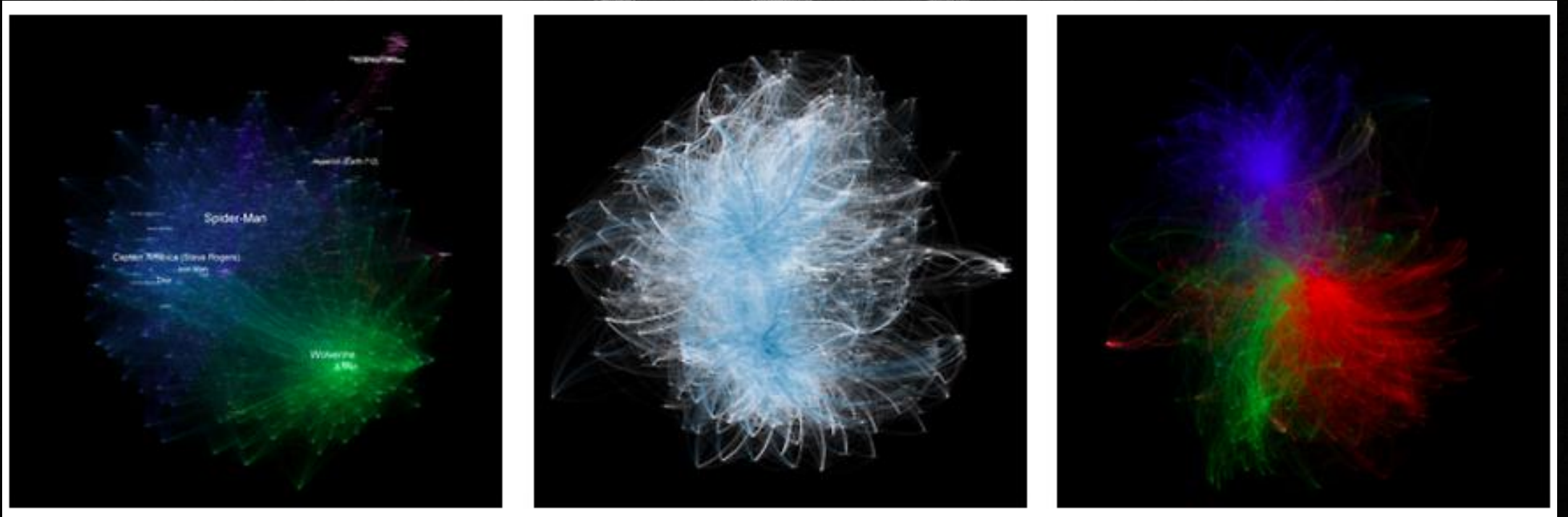
JUST ANOTHER RANDOM VISUALIZATION

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# WHAT'S WRONG?



# OUR IDEA

- 
- *ENABLE NOOBS TO NAVIGATE THROUGH THE COMIC BOOK UNIVERSE*
  - *SUGGEST CHARACTERS TO PEOPLE BASED ON THEIR INTERESTS*
  - *RECOMMEND POPULAR STORY ARCS*



# THE HOW?

- MARVEL AND COMICVINE APIS
- SENTIMENT ANALYSIS AND CONTENT BASED FILTERING OF PLOT LINES TO RECOMMEND STORY ARCS AND CHARACTERS.
- VISUALIZING COMIC BOOK MULTIVERSE AND STORY ARCS WITH D3.
- NODE JS, ANGULAR JS FOR THE WEBSITE AND NEO4J AS OUR BACKEND DATABASE.

# *COSTS, RISKS & PAYOFFS*

- *FREE EXCEPT FOR HOSTING CHARGES*
- *PERFORMANCE CONCERNS WITH LARGE DATA*
- *CHOOSING CONTENT BASED OVER COLLABORATIVE FILTERING*





# TIMELINE



- *MIDTERM GOALS (WEEK 1-3)*

GET THE RECOMMENDER SYSTEM FOR THE COMIC BOOKS AND CHARACTERS RUNNING AND A STATIC VISUALIZATION.

- *FINAL GOALS (WEEK 4-6)*

GET THE FINAL VISUALIZATION RUNNING, OPTIMIZE TO IMPROVE PERFORMANCE.

- *EVALUATION METRICS*

VERIFY BY PERFORMING USER EVALUATION STUDIES.



# THE WHO?

VINODH KRISHNAN

AMISH GOYAL

VINAY KOLA

VIVEK NABHI



