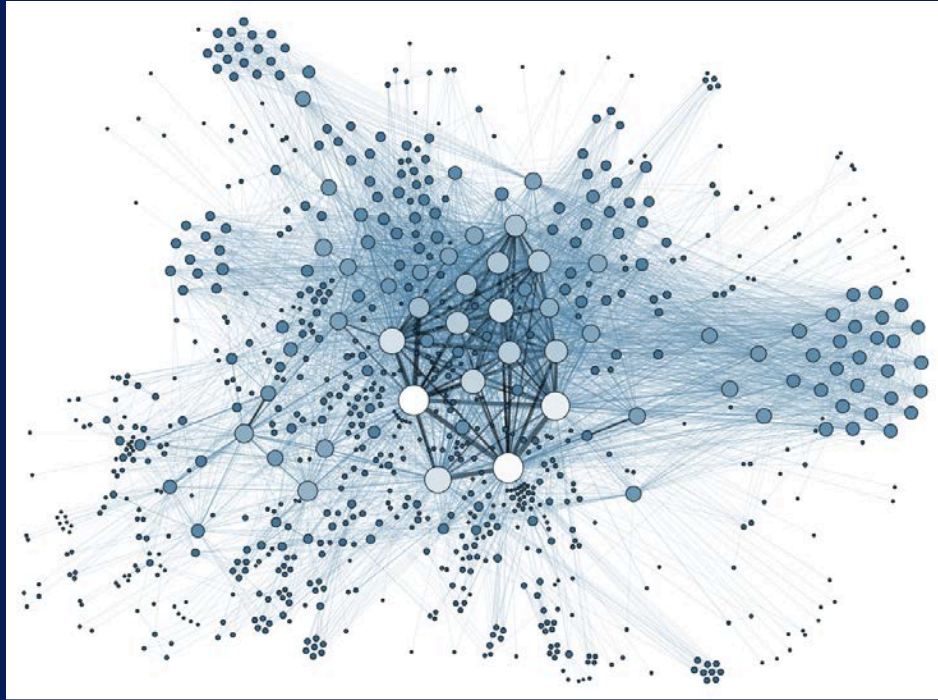


# What launched the Big Data era?



# After this video you will be able to..

- Describe how the combination of a growing torrent of data and on-demand (e.g. cloud) computing has launched the data science field

# New Opportunities



# Changing Times

# New Opportunities



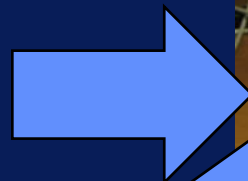
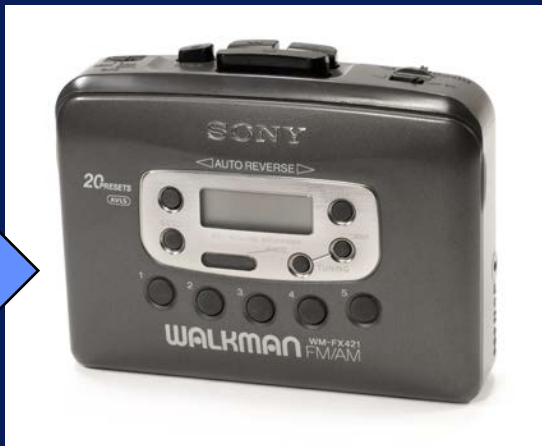
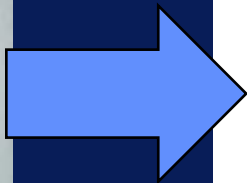
## Changing Times

*Data Science →  
#1 Catalyst for  
economic growth!*  
-McKinsey

# *Big data—a growing torrent*



McKinsey Report (2013)



**\$600** to buy a disk drive that can  
store all of the world's music

McKinsey Report (2013)



**5 billion** mobile phones  
in use in 2010



McKinsey Report (2013)



**30 billion**

pieces of content shared  
on Facebook every month

McKinsey Report (2013)



**40%** projected growth in  
global data generated  
per year vs.

**5%**

growth in global  
IT spending



McKinsey Report (2013)

*Data Science →  
#1 Catalyst for  
economic growth!*

*-McKinsey*

# Cloud Computing



*Data Science →  
#1 Catalyst for  
economic growth!*  
-McKinsey

**Computing  
anywhere and anytime**

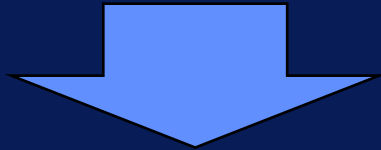


Computing  
anywhere and anytime



On-Demand  
Computing

**Computing  
anywhere and anytime**



**dynamic and scalable  
data analysis**





Data Torrent



Computing  
Anytime, Anywhere



**Big Data Era**