

# **Data Science & Industry**

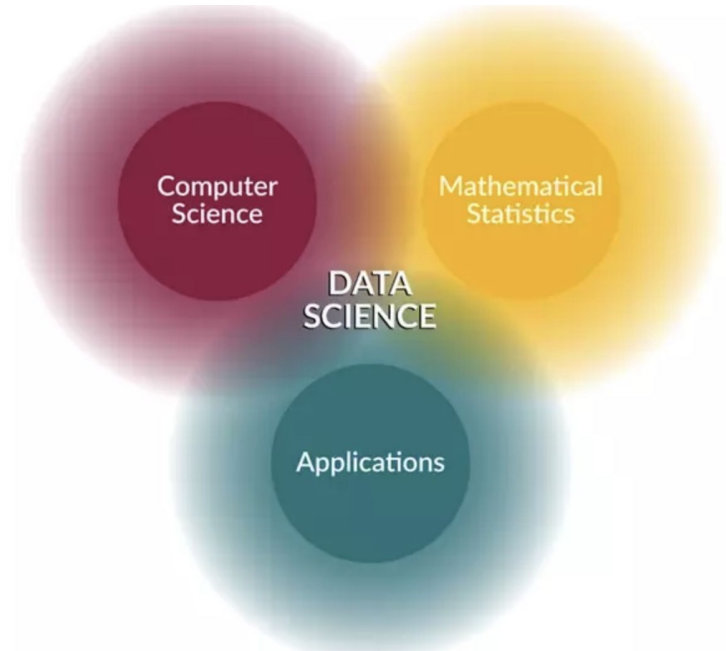


S. Kharazmi

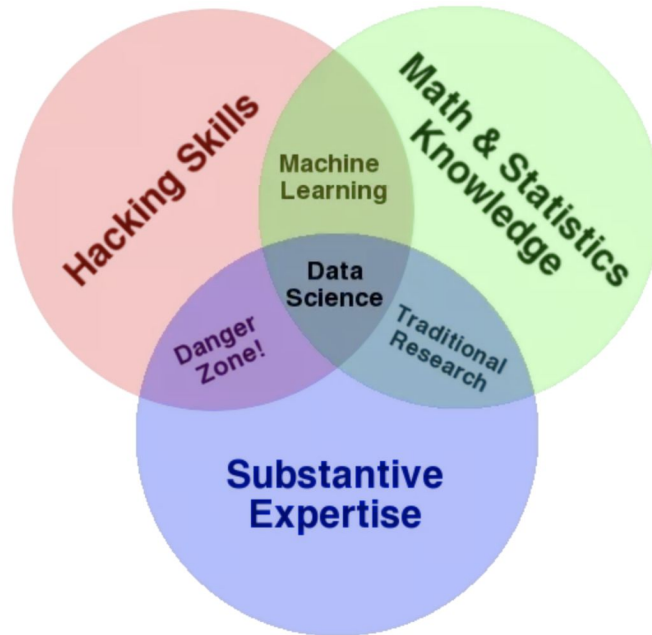
# Who am I ?

- Ph.D in Computer Science
- 15 Years experience in industry
- Startup founder & advisor
- Head of Data Science & Director of Engineering @Redbubble

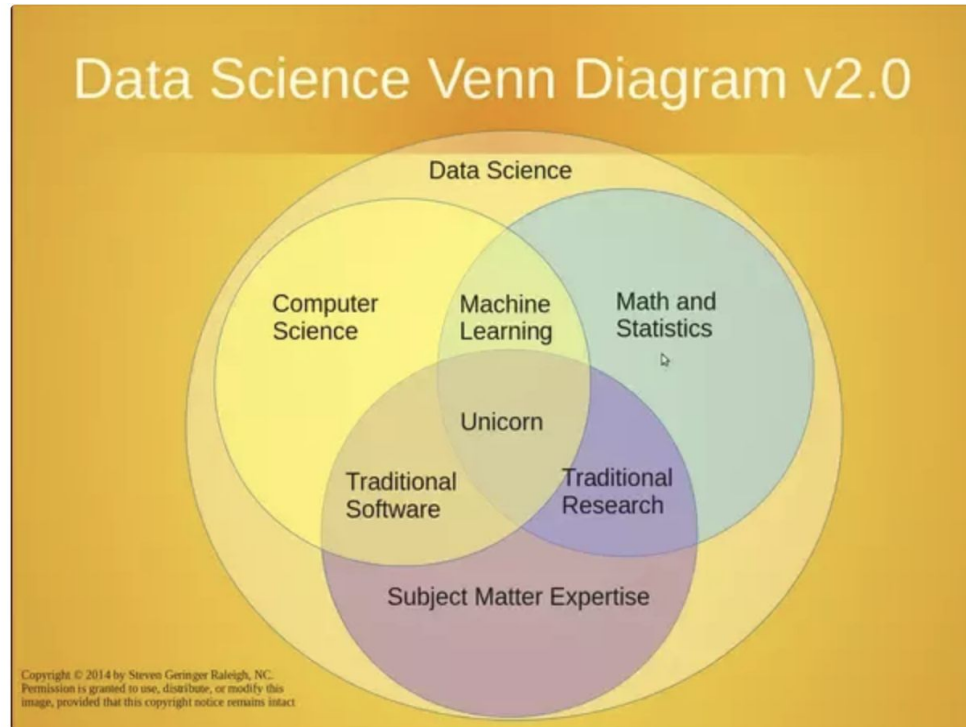
# What is Data Science ?



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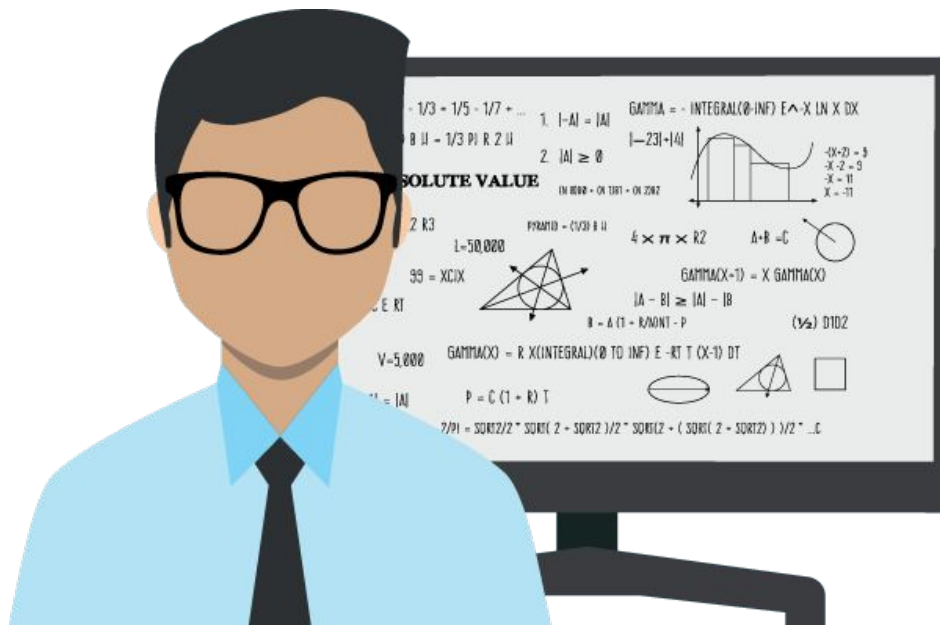
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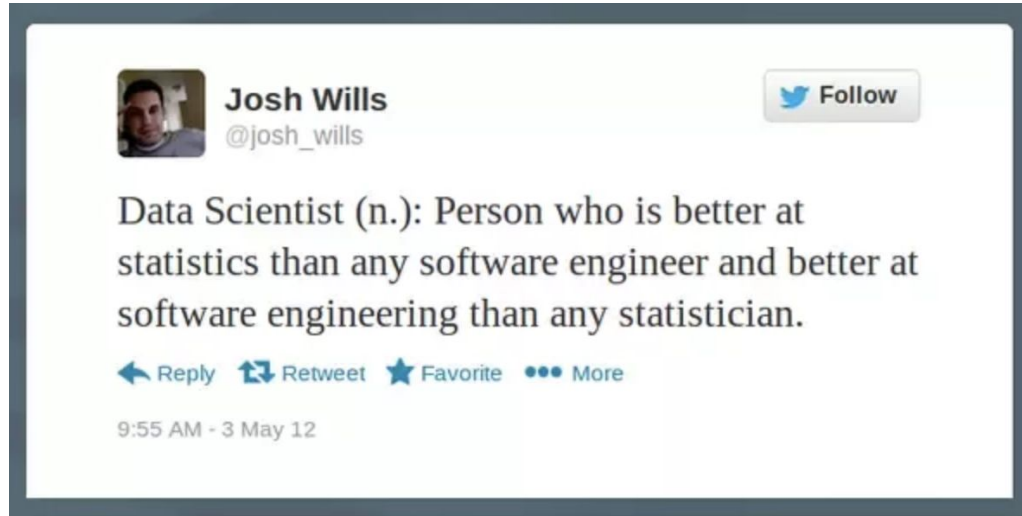
# What is Data Science ?



# Who is a Data Scientist?

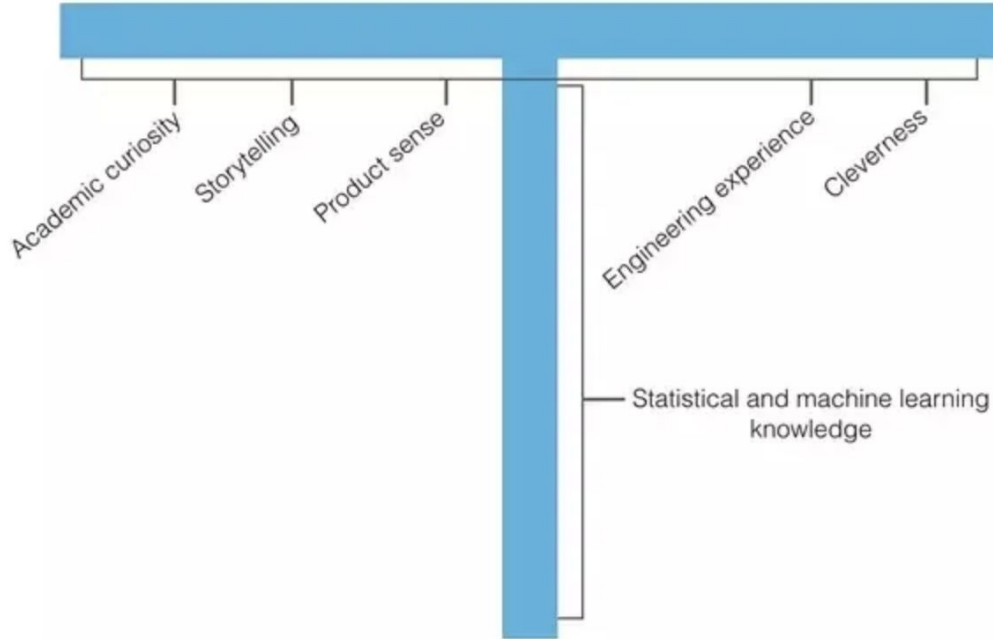


# Who is a Data Scientist?





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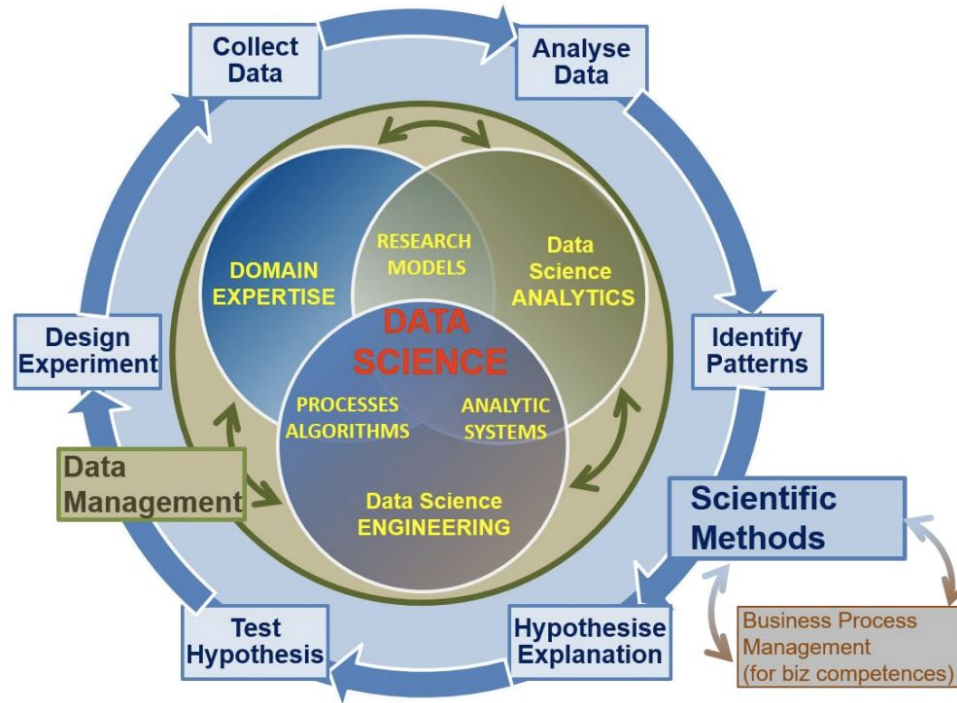
# Who is a Data Scientist?

**Business Strategist**



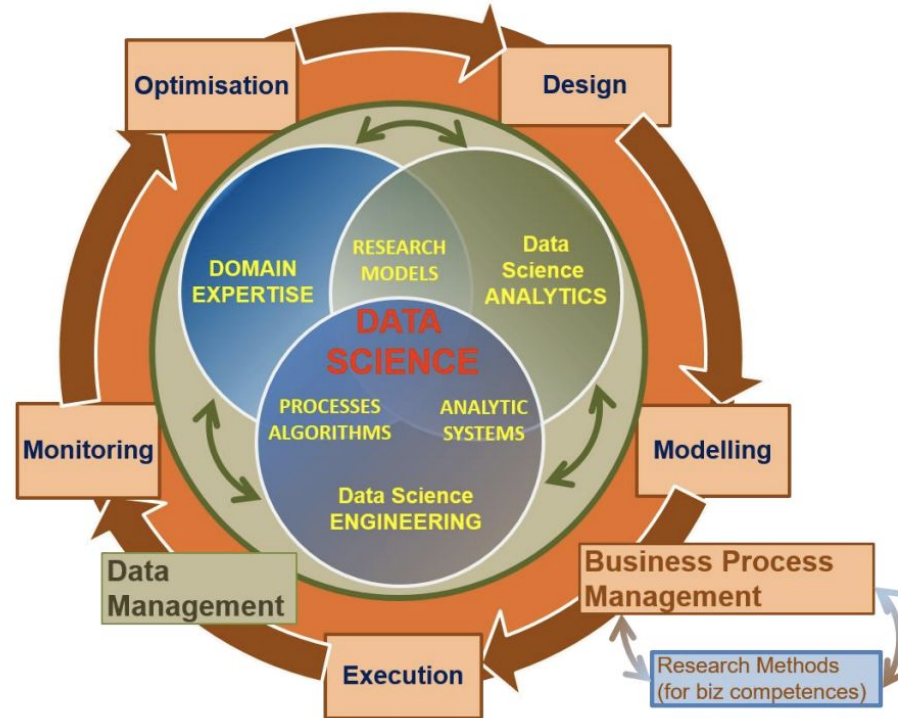
**Software Engineer**

# Who is a Data Scientist?



(a) Data Science competence groups for general or research oriented profiles.

# Who is a Data Scientist?



(b) Data Science competence groups for business oriented profiles.

# Skills

- General Skills
  - Business acumen
  - Communication
  - Product development
  - Explain technical details to a non-technical person
- Technical Skills
  - Statistics & Experimental design
  - Programming
  - Scale
  - Data processing & transformation
  - Machine Learning
  - Analytical skills

# Recruitment & Process

- Companies hire for their needs
- Recruitment process:
  - Phone Screening
  - Meet & Greet
  - Technical homework task
  - On site Interview
    - Technical Interviews
    - Cultural / values Interview
  - Offer & Negotiation

# Recruitment & Process

- Be mindful of Competition & Opportunities

**276** Total    **31** Active    **244** Rejected



# What can you do ?

- Care about the position - research about the company and adjust your CV
- Understand how your skills will meet their need
- Come up with ideas and suggestions that relate to the company context
- Connect & reach out (Linkedin/Email/Twitter/ .... )
- Read the job description and not the TITLE!
  - Machine learning engineer
  - Data Scientist
  - Strategy Manager
  - Data Analyst
  - Data Scientist Software Engineer
- It's about the quality and not the quantity

# Career tips

- Have a vision for your career - Where do you want to be in five years ?
- Develop skills to enable you to become a T-shaped leader
- Get hands-on experience as soon as you can
  - Datathon
  - Internship
  - Kaggle
- Develop a portfolio & story to demonstrate your career journey

# Manager Perspective

- Attitude does matter!
- A diverse and inclusive team is really valuable
- Filling team skill gaps
- Get the job done
- Problem Solving

# Questions?

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