



Introduction to AI & Data Science

Date: June 30, 2024

What is Artificial Intelligence (AI) ?

Technology that enables
computers/machines to simulate human
intelligence

Acting Humanly

Thinking Humanly

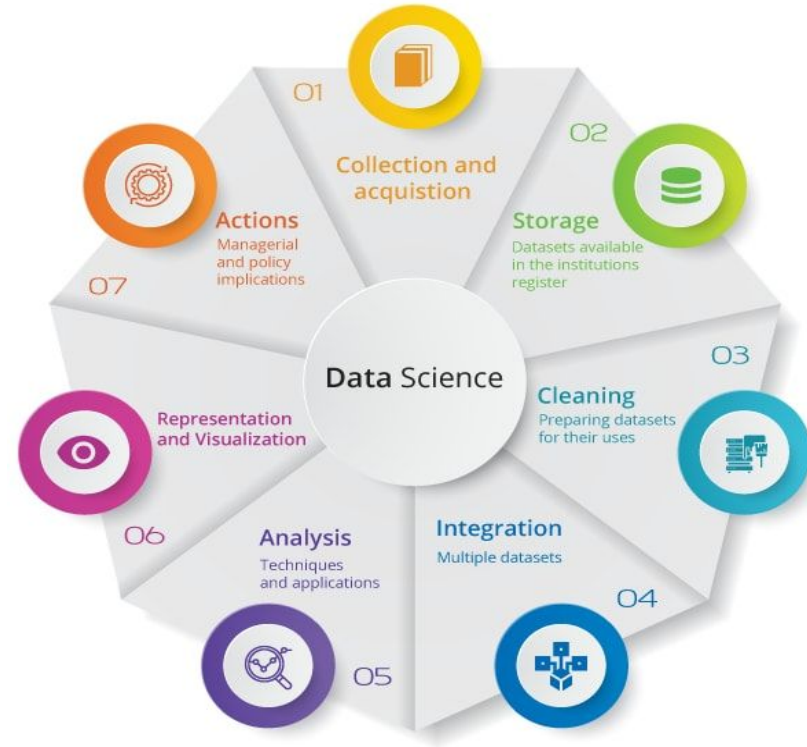
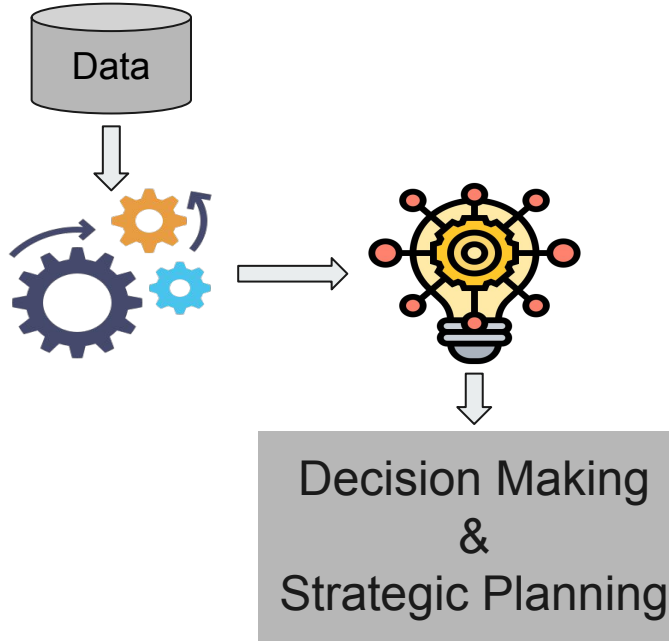
Acting Rationally

Thinking Rationally



What is Data Science?

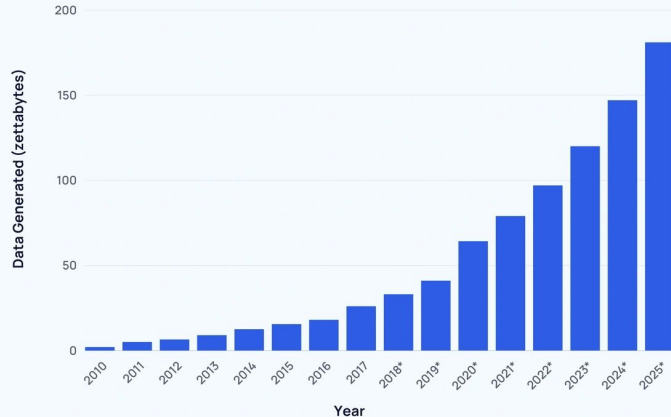
Study of data to extract meaningful insights for business



What is Big Data?

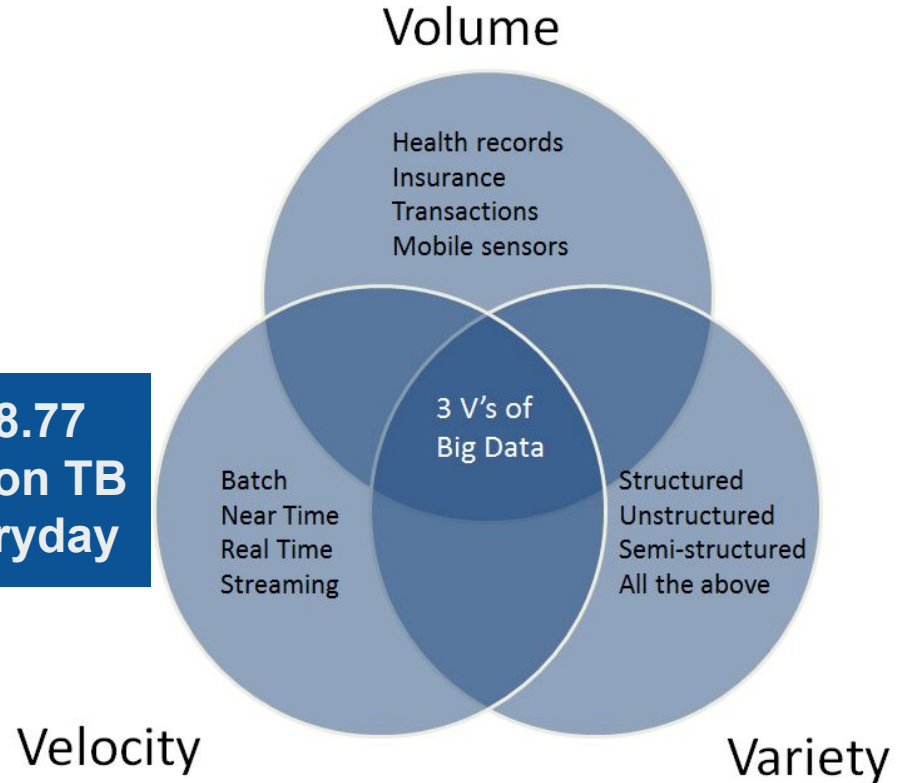
Enormous amount of complex data that can not be handled by any of traditional data processing softwares

Global Data Generated Annually



source: <https://explodingtopics.com/>

**328.77
Million TB
Everyday**



Data is Wealth

Data is fuel to the AI systems and helps in Data Driven Decision Making

Data is one of the most important assets of the organization

Data Driven Decision Making: Advantages

- Becomes more proactive
- Cost savings
- Reduces business risks
- Faster decision making
- Competitive advantage



The background of the slide is a dark blue field filled with a complex, overlapping network of thin, light blue and yellow lines. These lines form a dense, web-like pattern that resembles a circuit board or a neural network. A solid, medium-blue horizontal band runs across the center of the image, serving as a backdrop for the title text.

Application: AI for HRM

AI for Human Resource Management

Talent Acquisition Process (TA)



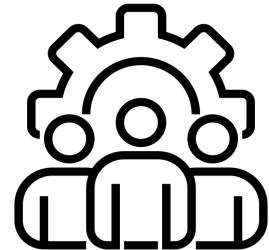
Onboarding of New Recruits



Learning and Training Programs



Internal Employee Management



Talent Acquisition Process (TA)



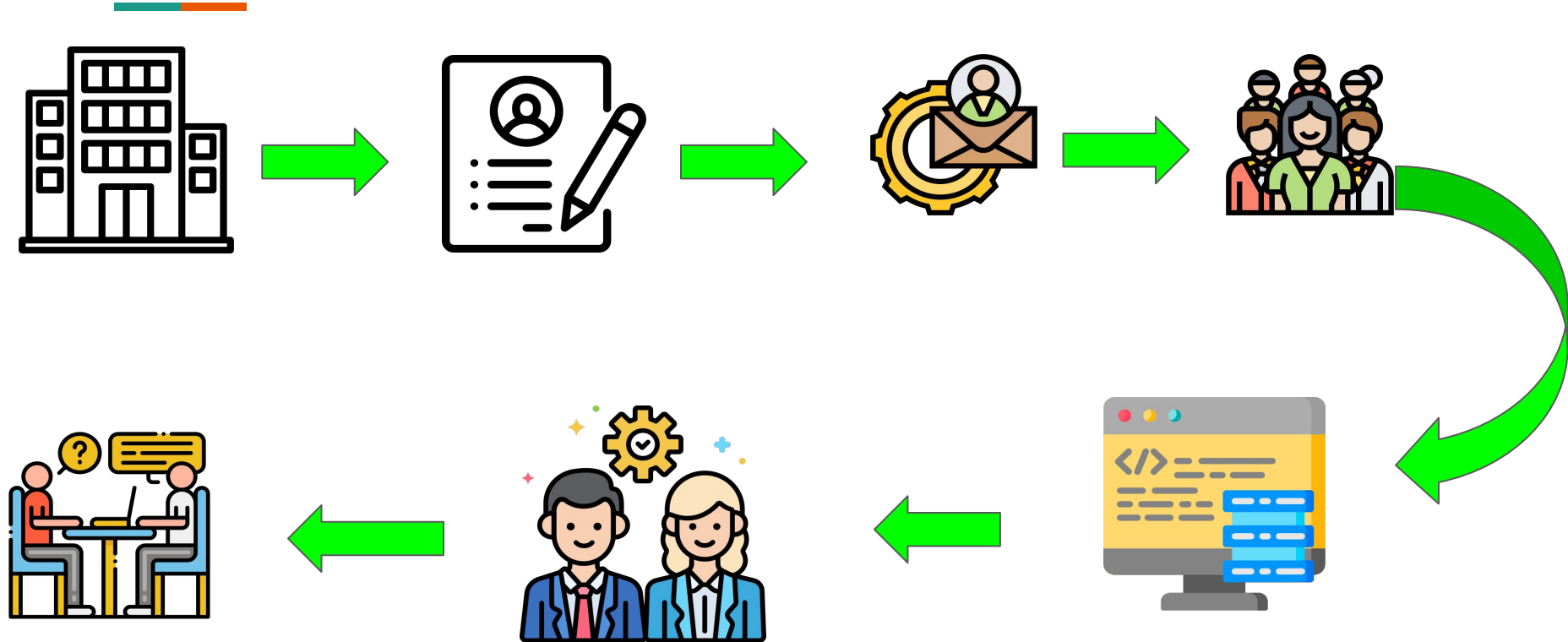
250+ resumes received for each jobs

75% of candidates are unqualified for jobs

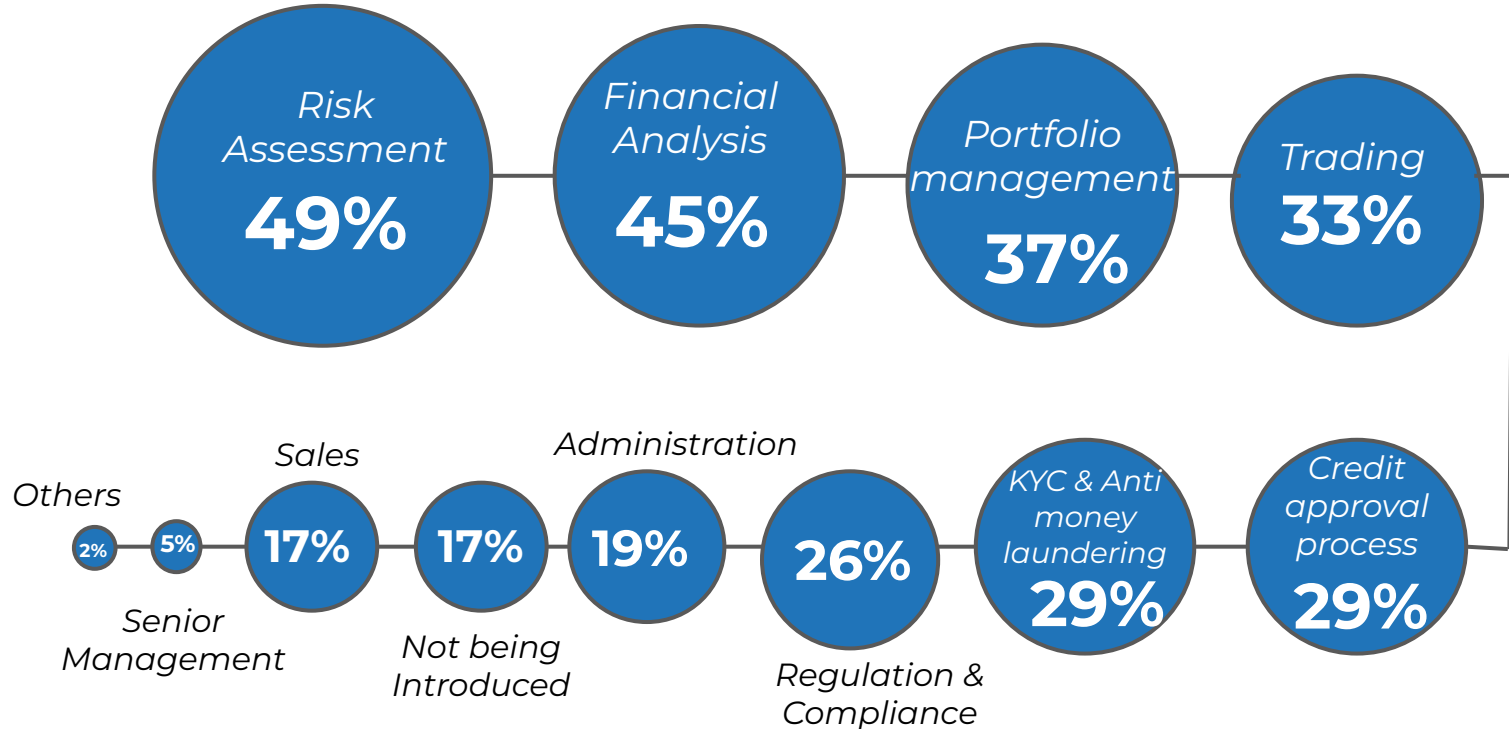
HR spends **23 Hours** screening
for one position

52% of TA leader mentioned that the most
challenging part of recruitment is screening
candidates

Data Science Solution for Talent Acquisition



AI Uses in an Organization on the Upcoming Years



Source: [Ghosts in the Machine](#) digital report created by Baker McKenzie