

Introduction to Data Engineer Profile

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DATA ENGINEERING



Why we did not have a Data Engineer profile earlier?

Data expanding





When I say Everything
is getting record.
I mean it 😊

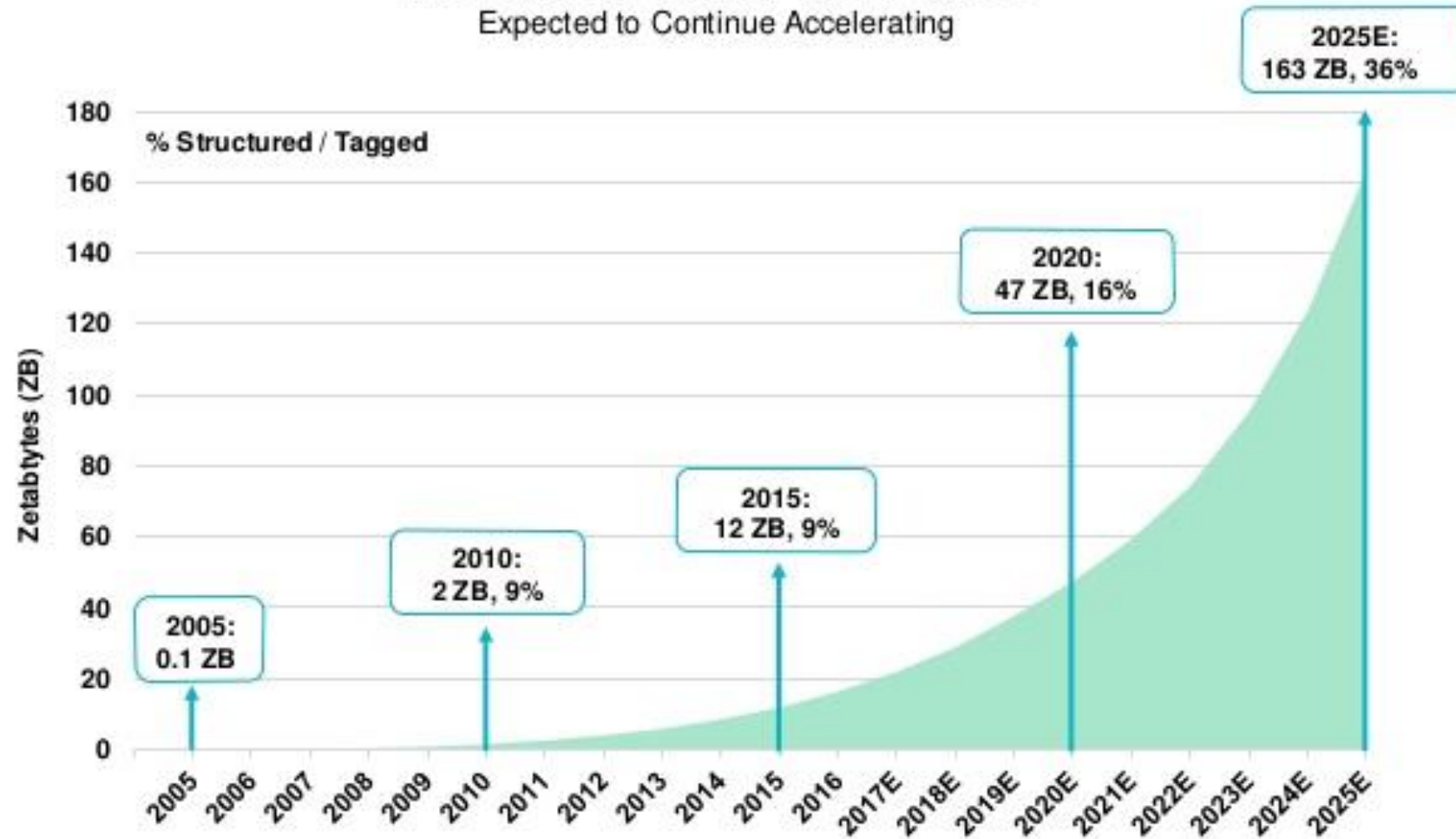
Social media stats



- Whatsapp handle 60 billion messages a day
- Google process 40,000 search queries every second
- Average user spends 35 minutes on Facebook a day
- 500 million Tweets sent each day
- 300 hours of video are uploaded to Youtube every minute

Exponential growth of Data

Information Created Worldwide =
Expected to Continue Accelerating





1 Zettabytes = 1 trillion Gigabyte

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Once upon a time ☺



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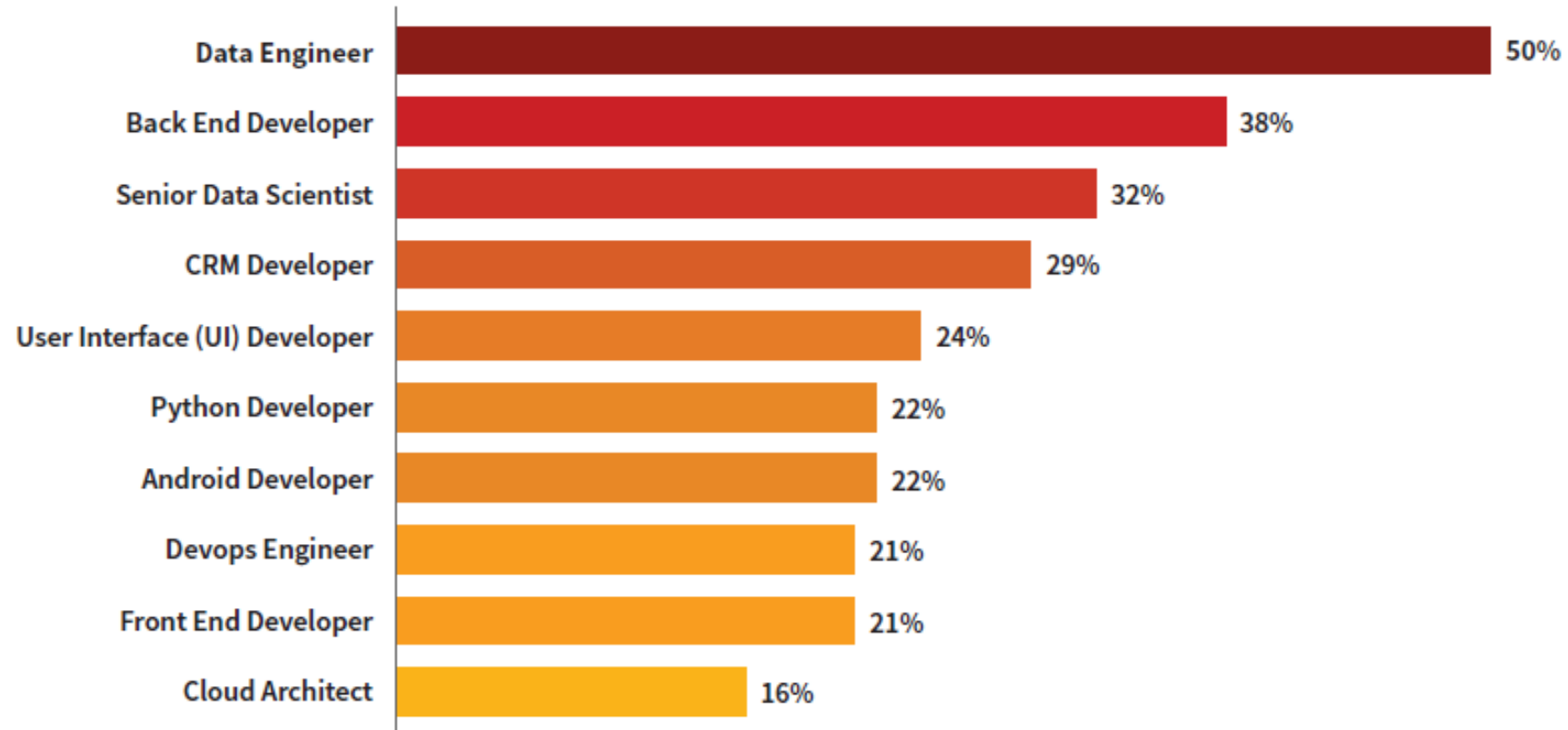
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DATA

IS THE NEW OIL

Data Engineer – Top in Demand Job

FASTEST GROWING TECH OCCUPATIONS YEAR-OVER-YEAR GROWTH

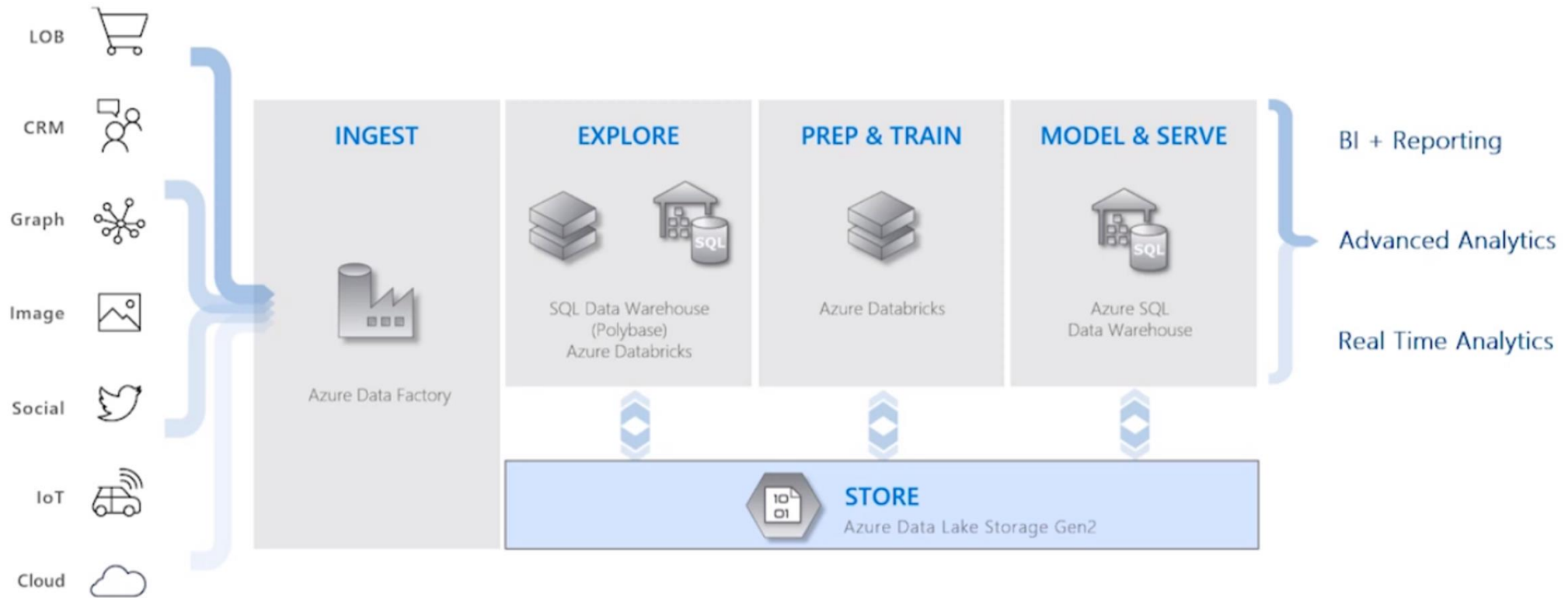


Why Data Engineers?



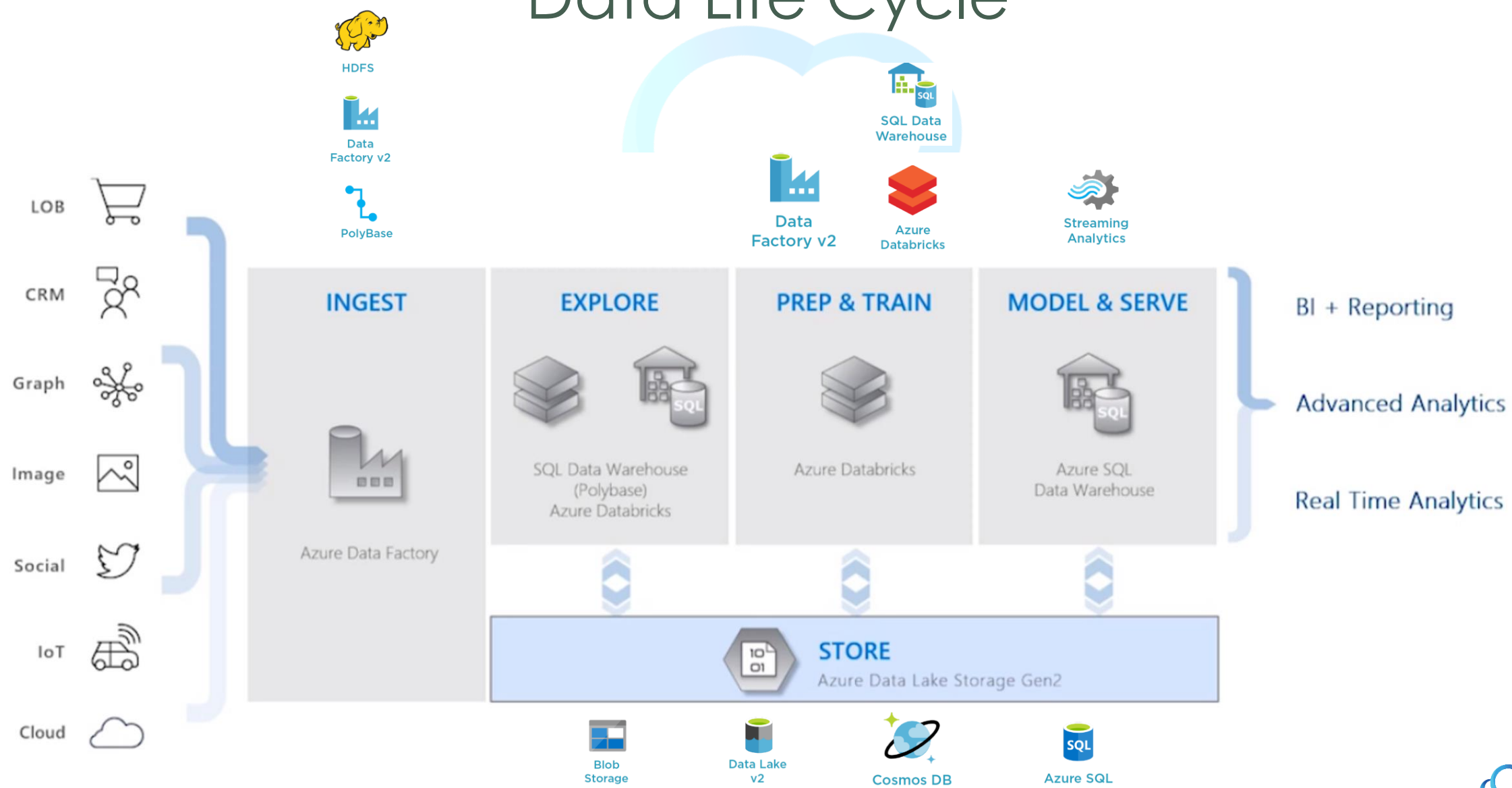
We need dedicated professionals in order to handle this large amount of information.

Data Life Cycle



Source: Microsoft

Data Life Cycle



Source: Microsoft