

This short assignment is designed to help you reflect about how the KSBs (Knowledge, Skills, Behaviours) of a Data Scientist can deliver on strategic business goals. Pick **one** of the three industries listed below and complete the assignment instructions.

## Research

### Financial services: FCA

1. First, read FCA's data strategy in 2013 (20min):  
<https://www.fca.org.uk/publication/corporate/fca-data-strategy.pdf>
2. Then review the updated strategy published in 2020 (10min):  
<https://www.fca.org.uk/publications/corporate-documents/data-strategy>
3. Highlight any change since 2013 and 2020 (30min)
4. Highlight which Knowledge, Skills, Behaviours (KSB) as part of the Data Analyst standard that could help deliver the updated strategy (30 min):  
<https://www.instituteforapprenticeships.org/apprenticeship-standards/data-analyst/>

### Healthcare: GSK

1. Read page 39 & 40 of the GSK annual strategy report, section "Data and Engagement" (10min):  
<https://www.gsk.com/media/5892/strategic-report-2019.pdf>
2. Read the following Forbes article about advanced analytics at GSK (15min):  
<https://www.forbes.com/sites/tomdavenport/2018/01/08/biting-the-data-management-bullet-at-glaxosmithkline/#45f6281e5577>
3. Read the following interview with GSK's CTO (15min): <https://aibusiness.com/gsk-interview-nyc/>
4. Highlight which Knowledge, Skills, Behaviours (KSB) as part of the Data Analyst standard are relevant within the healthcare industry in line with GSK's ambitions (30min)

### Supply chain: Unipart

1. Read the following article "Data Literacy: What It Means and Why It's Essential for Supply Chain Success":  
<https://www.unipart.com/logistics/data-literacy-what-it-means-and-why-its-essential-for-supply-chain-success/>
2. Read "The Impact of Big Data on Logistics"  
<https://www.unipart.com/logistics/the-impact-of-big-data-on-logistics/>
3. Read "Overcoming the Barriers to Adopting Key Future Supply Chain Technology":  
<https://www.unipart.com/logistics/overcoming-the-barriers-to-adopting-key-future-supply-chain-technology/>
4. Read up about The Condition Based Supply Chain:  
[https://www.instrumentel.com/wp-content/uploads/2019/10/condition\\_based\\_supply\\_chain.pdf](https://www.instrumentel.com/wp-content/uploads/2019/10/condition_based_supply_chain.pdf)
5. Highlight which Knowledge, Skills, Behaviours (KSB) as part of the Data Analyst standard are relevant for supply chain management in line with Unipart's technology investments (30min)

## Assignment

1. Summarise your findings for the industry you selected in a half page report
2. Discuss with a senior colleague or your line manager how to identify 3 processes or product opportunities in your current workplace that could benefit from data science (half page)

Total length: one page report