

In [3]: `import re`

In [5]: `##Fetch Phone Number from the text using Regular Expression (REGEX)`
`text = "your waight is 50 and phone number is 6325132365 and my weight is 56 and phone number is 4584216589 and A USA friend phn number is (999)-565-8585"`
`pattern = "\(\d{3}\)-\d{3}-\d{4}|\d{10}"`
`matches = re.findall(pattern,text)`
`matches`

Out[5]: `['6325132365', '4584216589', '(999)-565-8585']`

In [6]: `##Fetch Financial year and quarter from the text using Regular Expression (REGEX)`
`text = "the gross cost of operating lease vehicles in FY2021 Q1 was $4.85 billon. in previous quarter i.e FY2020 Q4 it was $3 billon"`
`pattern = "FY(\d{4}) Q[1234])"`
`matche = re.findall(pattern, text)`
`matche`

Out[6]: `['2021 Q1', '2020 Q4']`

In [8]: `##Fetch Cost number from the text using Regular Expression (REGEX)`
`text = "the gross cost of operating lease vehicles in FY2021 Q1 was $4.85 billon. in previous quarter i.e FY2020 Q4 it was $3 billon. Total employees are 5400"`
`pattern = "\$([\d\.]*)"`
`matches = re.findall(pattern, text)`
`matches`

Out[8]: `['4.85', '3']`

In [9]: `##Fetch both financial year and cost from the text using Regular Expression (REGEX)`
`text = "the gross cost of operating lease vehicles in FY2021 Q1 was $4.85 billon. in previous quarter i.e FY2020 Q4 it was $3 billon. Total employees are 5400"`
`pattern = "(FY\d{4}) Q[1234]) [^\$]*(\$[\d\.]+)"`
`matches = re.findall(pattern, text)`
`matches`

Out[9]: `[('FY2021 Q1', '$4.85'), ('FY2020 Q4', '$3')]`

In [10]: `text = "the gross cost of operating lease vehicles in FY2021 Q1 was $4.85 billon. in previous quarter i.e FY2020 Q4 it was $3 billon. Total employees are 5400"`
`pattern = "(FY\d{4}) Q[1234]) [^\$]*(\$[\d\.]+)"`
`matches = re.search(pattern, text)`
`matches`

Out[10]: `<re.Match object; span=(46, 65), match='FY2021 Q1 was $4.85'>`

In [11]: `matches.group()`

Out[11]: `'FY2021 Q1 was $4.85'`

In []: