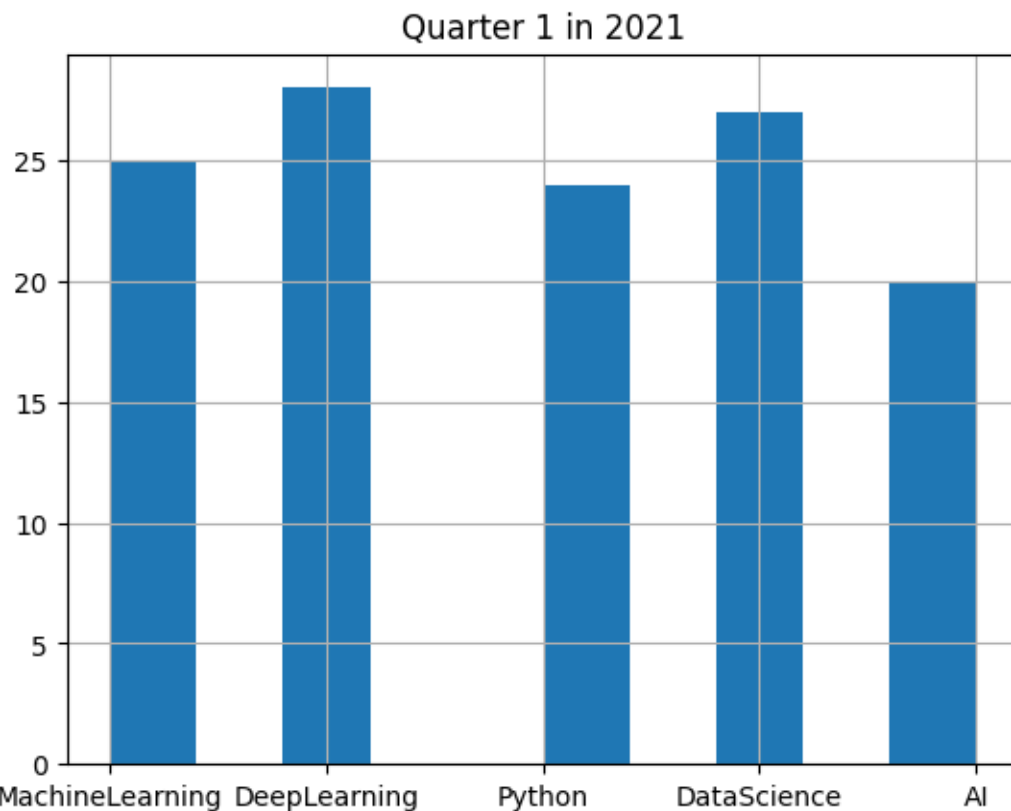# Twitter Data Analysis using Python Data Science Toolbox

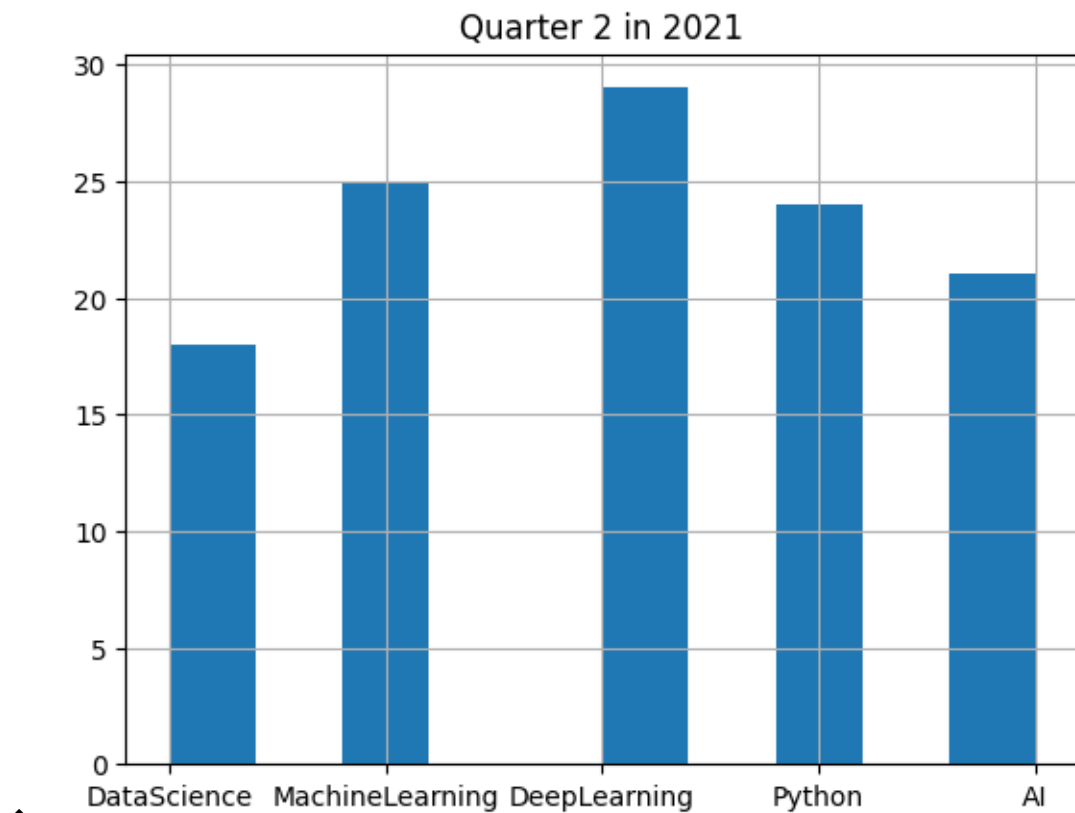## Deep Learning Dominating Twitter in 2021

- ❖ We analyzed the trending of different keywords in each quarter in 2021.
- ❖ In our Analysis we found that Deep Learning is the top keyword tweeted most of the year scoring 1st keyword in first, second and fourth quarters. Despite not being the 1st in the third quarter it was the 2nd most tweeted keyword in 2021.
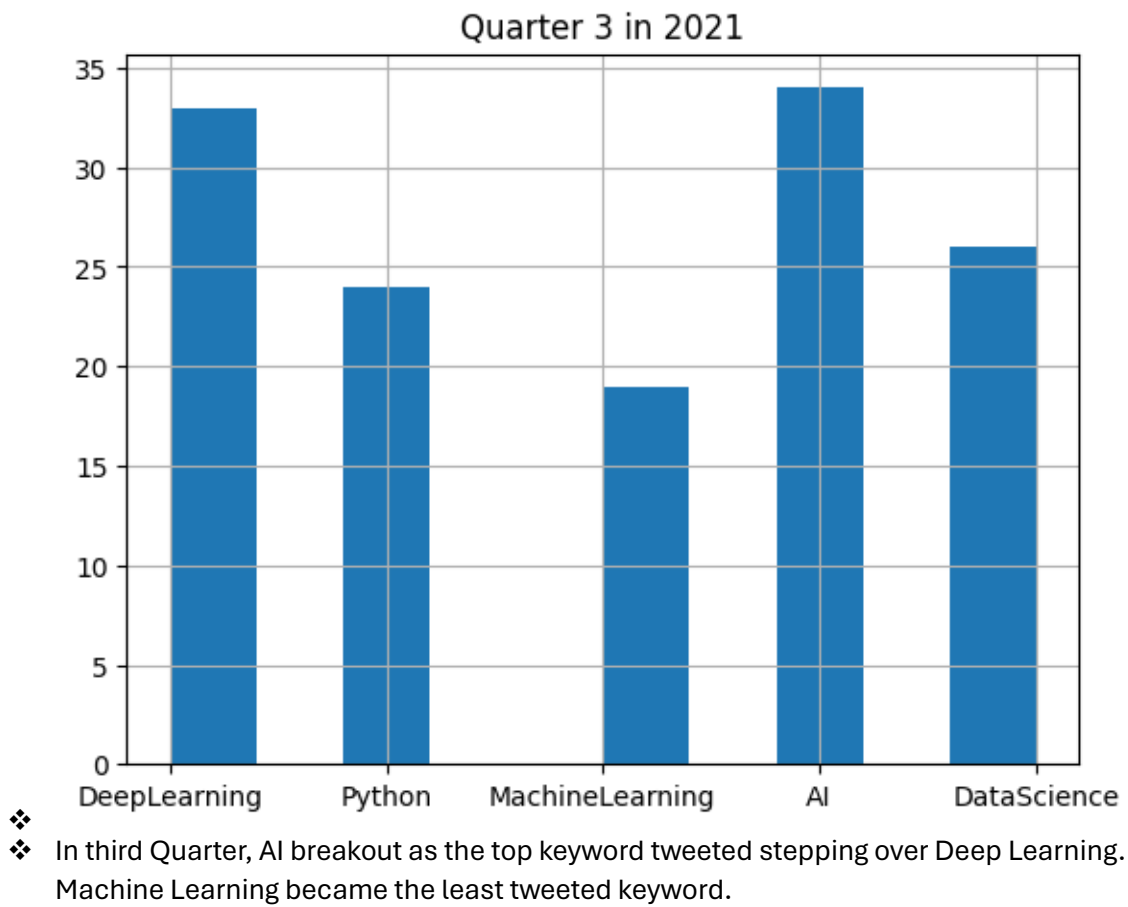- ❖

Quarter 1

- ❖
- ❖ In Quarter 1, we find that people started tweeting about Deep Learning, Data Science and Machine Learning scoring over 24 tweets each.
- ❖ AI was the least tweeted keyword.
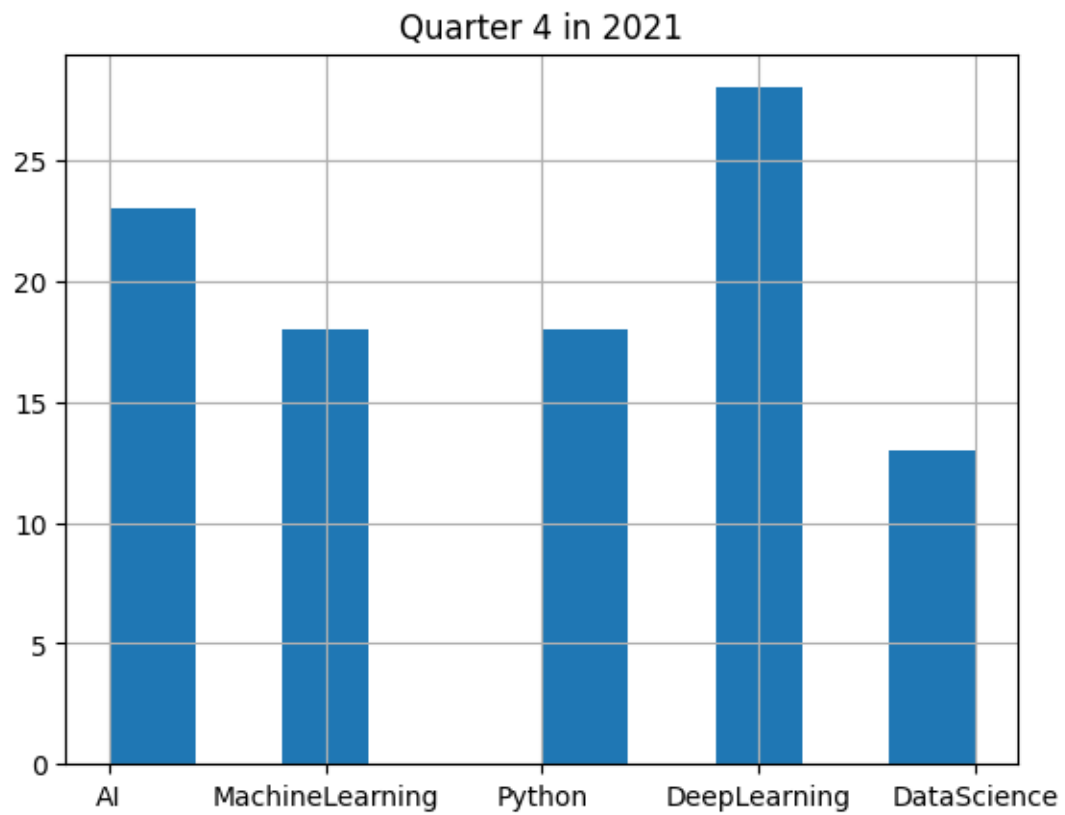
Quarter 2

Quarter 2 in 2021

- ❖
- ❖ In quarter 2, Deep Learning was still on top, but major changes occurred in that quarter. Data Science went from second word tweeted to last word tweeted. Python came in 3rd place after Deep Learning and Machine Learning.
- ❖ We can predict that there was some news about Python, maybe they released a new package or version that increased the word of mouth.

Quarter 3

❖
❖ In third Quarter, AI breakout as the top keyword tweeted stepping over Deep Learning. Machine Learning became the least tweeted keyword.

Quarter 4

Quarter 4 in 2021

❖
❖ At last quarter, Deep leaning and AI were the only 2 keyword to score over 20 tweets.
❖ Data Science scored its lowest tweets number.