

## MLE, Data Scientist, Data Engineer... how do these roles differ?

1 min

If you're scratching your head at this point as to what the differences are between a Machine Learning Engineer (MLE), Data Scientist (DS) and Data Engineer (DE) ... you're not alone — because it *is* confusing! The boundaries between these fields are fuzzy and depending on the company, the expectations of these roles can vary a lot.

However, on average, there are a pretty well-defined set of skills and tasks that define these roles. Often knowing the skills of one is immensely useful in another role and transitions from one to another are not uncommon.

We're going to distinguish between these three roles - Anjali, Bruno and Carina are a Machine Learning Engineer (MLE), Data Scientist (DS) and Data Engineer (DE), respectively. The Venn diagram to the right has three circles representing each role and we've listed

- The primary tasks they perform
- Where the skills overlap between the roles

We're now ready to build a tech startup with Anjali (MLE), Bruno (DS) and Carina (DE)!

