**Learning Points & Summary**

Congratulations on completing another challenging data science project! Today we've seen how to grab some raw data and create some interesting charts using Pandas and Matplotlib. We've

* used .groupby() to explore the number of posts and entries per programming language
* converted strings to Datetime objects with to\_datetime() for easier plotting
* reshaped our DataFrame by converting categories to columns using .pivot()
* used .count() and isna().values.any() to look for NaN values in our DataFrame, which we then replaced using .fillna()
* created (multiple) line charts using .plot() with a for-loop
* styled our charts by changing the size, the labels, and the upper and lower bounds of our axis.
* added a legend to tell apart which line is which by colour
* smoothed out our time-series observations with .rolling().mean() and plotted them to better identify trends over time.

Well done for completing today's lessons! Have a good rest. I'll see you tomorrow!