

The provided code defines a function `get_pdf_probability` that calculates the probability density function (PDF) for a given dataset within a specified range. Here's a breakdown of what the function does:

It imports necessary libraries: `matplotlib.pyplot`, `scipy.stats.norm`, and `seaborn`.

It creates a distribution plot (`distplot`) using Seaborn for the provided dataset.

It adds vertical lines on the plot corresponding to the start and end range specified.

It calculates the mean and standard deviation of the dataset.

It defines a normal distribution (`norm`) based on the calculated mean and standard deviation.

It generates a list of values within the specified range.

It calculates the PDF values for each value within the range using the normal distribution.

It sums up the probabilities within the specified range.

It prints the total area under the PDF curve between the specified range.

It returns the total probability within the specified range.