Open sources libraries used in this Python code:

* pypyodbc
* numpy
* pandas
* matplotlib
* warnings

This Python code manipulates and visualises data using the pandas, numpy, and matplotlib libraries. Also, it uses warnings to ignore unnecessary errors in the code. Furthermore, it uses pypyodbc to establish a connection to a SQL Server database in order to run SQL queries and extract data for analysis. Additionally, the code has annotations that describe each step and its objective.

The pypyodbc package establish a connection to the AdventureWorks2019 database. The code carries out a number of analytical operations, producing visualisations to address particular queries. Below is an explanation of every section:

* Question 1: What are the regional sales in the best performing country?

Assembles a bar plot displaying the distribution after retrieving the number of stores per country region.

* Question 2: What is the relationship between annual leave taken and bonus?

Obtains bonus and vacation time data from the workforce, computes the correlation coefficient, and produces a scatter plot with the best fit line.

* Question 3: What is the relationship between Country and Revenue?

Visualises the number of stores by country region by repeating the first question's procedure.

* Question 4: What is the relationship between sick leave and Job Title (PersonType)?

Gets the number of sick leave hours that employees in various departments have taken, sorts the box plots according to the median number of sick leave hours, and shows the average sick leave for each department in a bar plot.

* Question 5: What is the relationship between store trading duration and revenue?

Computes the average revenue and trading duration for each store, and then makes a scatter plot with a correlation line.

* Question 6: What is the relationship between the size of the stores, number of employees and revenue?

Obtains information on the number of employees, store sizes, and yearly revenue. Then, it builds a scatter plot with distinct colours for each category, complete with a regression line and colorbar.