Assignment: Python Categorical Scatter Plot Creation

Objective:

Write a Python script to pick data from a CSV file (attached) and create a categorical scatter plot using the Seaborn library. The CSV file contains columns: 'Date', 'Period', and 'NiftyReturn'. The 'Period' column consists of numbers ranging from 1 to 10. Your script should create a scatter plot with the following variables:

- X-axis: 'Period'
- Y-axis: 'NiftyReturn'
- Colour: Red for dates before 2005, Blue for dates between 2005 and 2015, and Green for dates after 2015.

Additionally, add a chart title, axis labels, legends, and data labels to enhance the visualization. Finally, save the chart as a PNG file.

Requirements:

1. Write a Python script to read data from a CSV file (attached) containing columns: 'Date', 'Period', and 'NiftyReturn'.
2. Create a categorical scatter plot using the Seaborn library with the following variables:
    - X-axis: 'Period'
    - Y-axis: 'NiftyReturn'
    - Colour: Red for dates before 2005, Blue for dates between 2005 and 2015, and Green for dates after 2015.
3. Add a chart title, axis labels, legends to the scatter plot for better interpretation.
4. Save the chart as a PNG file in the specified folder.

Submission Guidelines:

1. Submit your Python script (.py file) and output png file along with any additional files required for execution.
2. Ensure that your code is well-commented and follows best practices for readability and maintainability.
3. Your submission should be neatly organized and easy to understand.

Note: Make reasonable assumptions where necessary or if there is any confusion regarding the assignment requirements. You may choose any sample chart title, axis labels, legends, etc., to complete the assignment.