**PP4 README**

**Info about the code:**

1. **The code is divided into three sections: Part 1: GP for Linear Kernel, Part 2: GP for RBF Kernel and Part 3: Visualisation of performance of 1D dataset.**
2. **Out of these 3 sections of code, Part 1 is left uncommented and the remaining three are commented.**

**Steps to run the code:**

1. **Change the paths of the datasets according to the paths on SICE servers.  
     
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2. **The default dataset chosen is artsmall. In order to test the code on other datasets, just replace the dataset name in all 4 file paths from the list of names given.  
     
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3. **Part 1: GP with Linear Kernel is uncommented, and can be run right after step 1.  
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4. **In order to run Part 2: GP with RBF Kernel, just uncomment Part 2 section and comment the Part 1 section and execute the code.  
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5. **To run Part 3: Visualisation of performance of 1D dataset, just uncomment the section and comment the above two sections and execute the code.  
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6. **The plots will be automatically shown at the end of the execution.**