

**Python Functions Assignment**

[support@intellipaat.com](mailto:support@intellipaat.com)

+91-7022374614

US: 1-800-216-8930 (Toll Free)

**Instructions for the Assignment**

1. Use a single file in Jupyter Notebook or Goggle collab for the entire assignment.
2. Download the Assignment file (File> Download > Download as .ipynb), compress it in a Zip folder and submit through LMS only.
3. Submit the Assignment by 1st February 2022 without fail.
4. This Assignment is an Exam kind and is considered for the evaluation and certification. No support is provided by our technical team.
5. If you have any doubts how to work on this assignment (No technical support), please drop an email to [support@intellipaat.com](mailto:support@intellipaat.com)

**FINAL ASSIGNMENT**

1. Write a function which finds all Pythagorean triplets of triangles whose sides are no greater than a natural number N.
2. Given a list of integers, write a function that finds the smallest and the largest value of this list. Given a list of numbers, write a function which finds their standard deviation.

**Note : You cannot use built-in functions or numpy or pandas!**