Imperial to Metric Units Conversion System

Create a program called imperial_to_metric_units_convertor.py. Write a program that prompts, converts, and prints the user-inputted values and the converted values with the appropriate unit symbols for the following list shown below. Make sure your program checks for invalid input (non-numerical data). If the input is invalid, print a message "Invalid data". Use the Python Exception Handling features.

- Mass
  - Convert from Pounds to Kilograms
  - Convert from Pounds to Grams
- Distance
  - Convert from Miles to Kilometers
  - Convert from Feet to Meters
- Volume
  - Convert from Gallons to Liters
  - Convert from Pints to Milliliter

Ensure that *all values displayed are rounded to two decimal places*. All values must be printed with the appropriate unit symbols. For example, lb is the unit symbol for weight in pounds and kg for Kilograms.

Write a Report Summary

Using Microsoft Word, answer the following eight questions.

1. Did you complete your assignment and did it run without errors?
2. Did your program produce the correct result?
3. Did you test your program thoroughly?
4. How much time did you spend completing your assignment?
5. Did you write the program yourself? Did you get any help from anyone?
6. When you encountered obstacles to completing your program, how did you resolve the issues? Did you use Google to get help? Describe how Google was able or not able to assist you?
7. What did you learn from doing this assignment?
8. Any other information you would like to share with your instructor?

What to submit

1. Submit your program file (.py file)
2. Submit your program output, showing multiple test-run if applicable
3. Submit your learning report summary