

# Practice Interview Questions

## Programming Boot-Up

- What native data structures can you name in Python?
  - Of these, which are mutable, and which are immutable?
- Explain the difference between a list and a dictionary?
- In a list, what data types can be elements?
- In a dictionary, what data types can the key be? And the values? Why?
- When would you use a list vs. a tuple vs. a set in Python?
- Explain the difference between a for loop and a while loop.
- What packages in the standard library, useful for Data Science work, do you know?
- Do you know any additional data structures available in the standard library?
- Can you explain what a list or dict comprehension is?