



Topic 01: Python 1  
IN710: Object-Oriented Systems Development  
Semester One, 2020

## **Basic Data Types**

### **Lists**

Mutable sequence

### **Tuples**

Immutable sequence

### **Sets**

Unordered collection of unique elements

### **Dictionaries**

## **OOP Principles**

### **Encapsulation**

### **Abstraction**

### **Inheritance**

### **Polymorphism**

## **Comprehensions**

### **List Comprehensions**

### **Set Comprehensions**