

localhost:8888/notebooks/Data%20Analysis.ipynb?

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JupyterLab Python 3 (ipykernel)

```
[3]: # Creating a list
my_list = [2,4,6,8,10]

#adding an element to the list
my_list.append(12)

#removing an element from the list
my_list.remove(2)

#modifying an element in the list
my_list[1] = 5

print('updated list:', my_list)

updated list: [4, 5, 8, 10, 12]
```

```
[7]: # Creating a dictionary
my_dict = {'Name': 'Aadil', 'Age': 22, 'City': 'Kozhikode'}

#adding
my_dict['State'] = 'Kerala'

#removing
del my_dict['Age']

#modifying
my_dict['City'] = 'Calicut'

print('updated dictionary:', my_dict)

updated dictionary: {'Name': 'Aadil', 'City': 'Calicut', 'State': 'Kerala'}
```

```
[9]: #Creating a set
my_set = {2,4,6,8,10}
```

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JupyterLab Python 3 (ipykernel)

```
my_dict["City"] = "Calicut"

print('updated dictionary:', my_dict)
updated dictionary: {'Name': 'Aadil', 'City': 'Calicut', 'State': 'Kerala'}
```

[9]: #Creating a set  
my\_set = {2,4,6,8,10}

#adding an element to the set  
my\_set.add(12)

#removing an element from the set  
my\_set.remove(2)

#modifying an element in the set  
my\_set.add(14)  
my\_set.discard(8)

print('updated set:', my\_set)

updated set: {4, 6, 10, 12, 14}

[ ]: