In [1]:

```python
# importing panda
import pandas as pd
```

In [2]:

```python
# Creating a dict
content={'Campus':pd.Series(('Bengaluru Central Campus', 'Kengeri Campus',
                    'Pune-Lavasa Campus' ,
                    'Delhi-NCR Campus' ,
                    'Bannerghatta Road C ampus')),
    'Date of Est':pd.Series((1969,2009,2007,2013,2016)),
    'Location':pd.Series(('Bengaluru','Bengaluru','Pune','Delhi','Bengaluru')),
    'Admission enquiry':pd.Series(('admissions@christuniversity.in',
                    'admissions@christuniversity.in',
                    'admission.lavasa@christuniversity.in',
                    'admission.ncr@christuniversity.in',
                    'admissions@christuniversity.in'))}
Christ = pd.DataFrame(content)
#creating christ dataframe
print("# Mutable & Immutable in python")
print()
Christ
```

Mutable & Immutable in python

Out[2]:

	Campus	Date of Est	Location	Admission enquiry
0	Bengaluru Central Campus	1969	Bengaluru	admissions@christuniversity.in
1	Kengeri Campus	2009	Bengaluru	admissions@christuniversity.in
2	Pune-Lavasa Campus	2007	Pune	admission.lavasa@christuniversity.in
3	Delhi-NCR Campus	2013	Delhi	admission.ncr@christuniversity.in
4	Bannerghatta Road C ampus	2016	Bengaluru	admissions@christuniversity.in

```python
admin={'Admin role':pd.Series(('CHANCELLOR Dr :', 'VICE CHANCELLOR:',
                               'PRO-VICE CHANCELLOR :',
                               'CHIEF FINANCE OFFICER :',
                               'CONTROLLER OF EXAMINATIONS:',
                               'PERSONNEL OFFICER:')),
       'Full Name':pd.Series(('Fr. George Edayadiyil',
                              'Dr. Fr. Abraham V M',
                              'Dr. Fr Joseph CC',
                              'Fr. Jobi Xavier, CMI',
                              'Prof.Johny Joseph',
                              'Dr. Fr. Joseph Varghese')),
       'Years of service':pd.Series((17,13,8,15,5,7))
      }
Administrator = pd.DataFrame(admin)
print(" CHRIST (Deemed to be University), Board members")
Administrator
```

```
 CHRIST (Deemed to be University), Board members
```

	Admin role	Full Name	Years of service
0	CHANCELLOR Dr :	Fr. George Edayadiyil	17
1	VICE CHANCELLOR:	Dr. Fr. Abraham V M	13
2	PRO-VICE CHANCELLOR :	Dr. Fr Joseph CC	8
3	CHIEF FINANCE OFFICER :	Fr. Jobi Xavier, CMI	15
4	CONTROLLER OF EXAMINATIONS:	Prof.Johny Joseph	5
5	PERSONNEL OFFICER:	Dr. Fr. Joseph Varghese	7

```python
Dean={'Deanery':pd.Series(['ARTS AND HUMANITIES',
                           'SOCIAL SCIENCES','SCIENCES',
                           'COMMER CE','MANAGEMENT','BUSINESS STUDIES AND SOCICAL S
                           'FACULTY OF ENGINEERING','SCHOOL OF LAW','DELHI NCR CAMP
                           'PUNE LAVASA CAMPUS','INTERNATIONAL RELATIONS']),
      'Dean Name':pd.Series(['Dr John Joseph Kennedy','Dr Tony Sam George',
                    'Dr George Thomas C' ,'Dr Tomy K Kallarakal','Dr Jain Mathew'
                    'Dr Jyothi Kumar','Dr Iven Jose','Dr Jayadevan S Nair','Dr Fr
                    'Dr Fr Jossy P George','Dr Suniti Phadke']),
      'Contact info':pd.Series(['John.JosephKennedy@christuniversity.in',
                         'Tony.SamGeorge@christuniversity.in',
                         'George.Thomas@christuniversity.in',
                         'Tomy.Kallarakal@christuniversity.in',
                         'Jain.Mathew@christuniversity.in',
                         'Jyothi.Kumar@christuniversity.in',
                         'Iven.Jose@christuniversity.in',
                         'Jayadevan.Nair@christuniversity.in',
                         'Viju.PD@christuniversity.in',
                         'Jossy.George@christuniversity.in',
                         'Suniti.Phadke@christuniversity.in'])
    }
print(" Deanery & Leadership Team ")
Denary=pd.DataFrame(Dean)
Denary
```

 Deanery & Leadership Team

	Deanery	Dean Name	Contact info
0	ARTS AND HUMANITIES	Dr John Joseph Kennedy	John.JosephKennedy@christuniversity.in
1	SOCIAL SCIENCES	Dr Tony Sam George	Tony.SamGeorge@christuniversity.in
2	SCIENCES	Dr George Thomas C	George.Thomas@christuniversity.in
3	COMMER CE	Dr Tomy K Kallarakal	Tomy.Kallarakal@christuniversity.in
4	MANAGEMENT	Dr Jain MathewDr Jyothi Kumar	Jain.Mathew@christuniversity.in
5	BUSINESS STUDIES AND SOCICAL SCIENCES	Dr Iven Jose	Jyothi.Kumar@christuniversity.in
6	FACULTY OF ENGINEERING	Dr Jayadevan S Nair	Iven.Jose@christuniversity.in
7	SCHOOL OF LAW	Dr Fr Viju P DDr Fr Jossy P George	Jayadevan.Nair@christuniversity.in
8	DELHI NCR CAMPUS	Dr Suniti Phadke	Viju.PD@christuniversity.in
9	PUNE LAVASA CAMPUS	NaN	Jossy.George@christuniversity.in
10	INTERNATIONAL RELATIONS	NaN	Suniti.Phadke@christuniversity.in

```python
Subjects={'Subject code':pd.Series(('MDS-161','MDS-131','MDS-133','MDS-134', 'MDS-17
          'Subject name':pd.Series(('Introduction to Statistics','Mathematical Found
                                    'Principles of Data Science','Research Methodolog
                                    'Data Base Technologies','Programming for Data Sc
                                    'Probability and Distribution Theory','Inferentia
          'Instructor':pd.Series(('Dr. Sahana Prasad','Dr. Jayanta Biswas','Dr. Raje
                                  'Dr. Deepa V Jose','Dr. Senthilnathan T','Dr. Umme
                                  'Dr. Sharon Varghese','Dr. Azarudheen S')),
          'Title info':pd.Series(('Statistics','Guide','*Class Incharge','Research G
                                  '*coordinator','Mentor','Guide','Guide')),
}
print(" Departmenta of MSc - Data Science faculty ")
Sunject_Staff=pd.DataFrame(Subjects)
Sunject_Staff
```

 Departmenta of MSc - Data Science faculty

Out[5]:

	Subject code	Subject name	Instructor	Title info
0	MDS-161	Introduction to Statistics	Dr. Sahana Prasad	Statistics
1	MDS-131	Mathematical Foundation	Dr. Jayanta Biswas	Guide
2	MDS-133	Principles of Data Science	Dr. Rajesh R	*Class Incharge
3	MDS-134	Research Methodology	Dr. Deepa V Jose	Research Guide
4	MDS-171	Data Base Technologies	Dr. Senthilnathan T	*coordinator
5	MDS-173	Programming for Data Science in Python	Dr. Ummesalma M	Mentor
6	MDS-132	Probability and Distribution Theory	Dr. Sharon Varghese	Guide
7	MDA-172	Inferential Statistics	Dr. Azarudheen S	Guide

In [ ]: