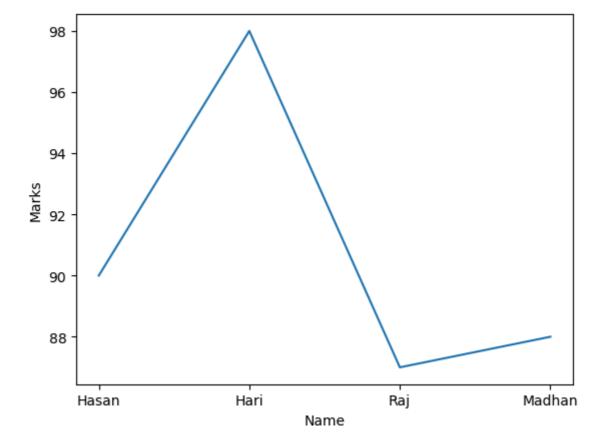
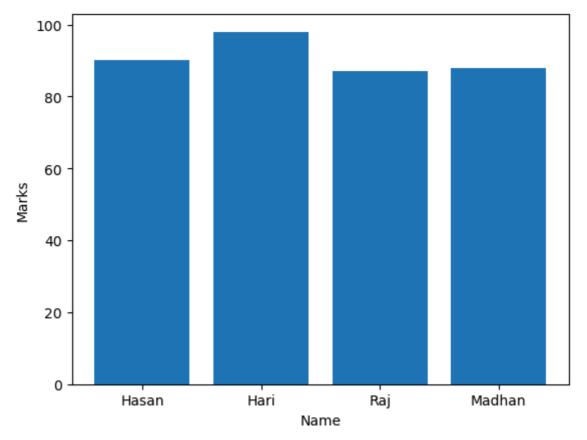
```
In [1]: import pandas as pd
         structured_data=pd.DataFrame({
              'Id':[12,13,14],
              'Name':["Raj","John","Kumar"]
         })
         print(structured_data)
            Ιd
                  Name
            12
         0
                   Raj
         1
                  John
            13
            14
                 Kumar
In [5]: import pandas as pd
         structured_data=pd.DataFrame({
              'Roll.no':[352,353,354,355,356],
             'Name':["Johny","Tom","Shiva","Suriya","Mithun"],
'Dept.':["Mech","CSE","Civil","Chem","EEE"]
         })
         print(structured_data)
            Roll.no
                         Name Dept.
         0
                 352
                        Johny
                                Mech
         1
                 353
                          Tom
                                  CSE
         2
                 354
                        Shiva Civil
         3
                 355 Suriya
                                Chem
         4
                 356 Mithun
                                  EEE
```





```
In [13]: print("My Name is Hasan, this is unstructured data")
```

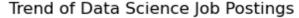
My Name is Hasan, this is unstructured data

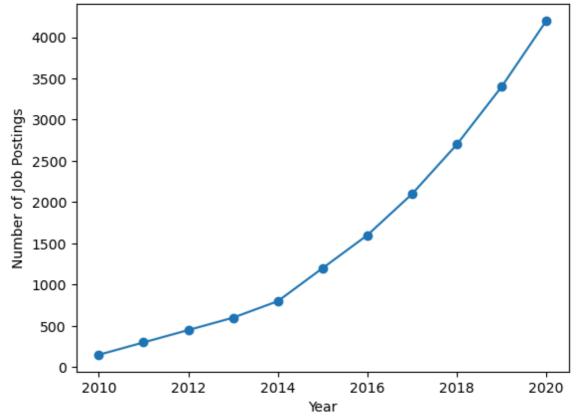
```
In [2]: print("Unstructured:97 is my mark")
```

Unstructured:97 is my mark

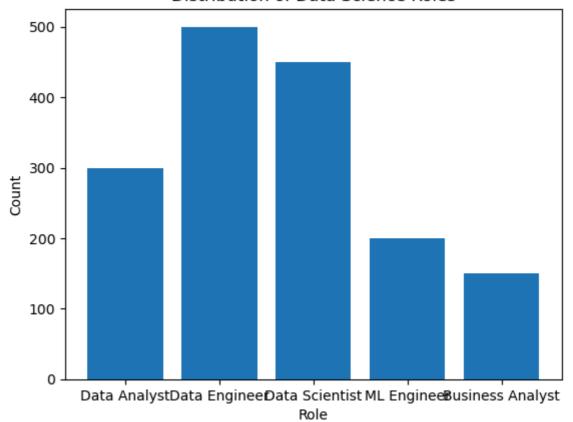
```
In [11]:
         from cryptography.fernet import Fernet
         key=Fernet.generate_key()
         f=Fernet(key)
         token=f.encrypt(b"I am Mohamed Hasan")
         token
         b'...'
         f.decrypt(token)
         b'I am Mohamed Hasan'
         key=Fernet.generate_key()
         plain text=b"I am Mohamed Hasan"
         cipher_suite=Fernet(key)
         cipher_text=cipher_suite.encrypt(plain_text)
         decrypted_text=cipher_suite.decrypt(cipher_text)
         print("Original Data",plain_text)
         print("Encrypted Data",cipher_text)
         print("Decrypted Data", decrypted_text)
```

Original Data b'I am Mohamed Hasan' Encrypted Data b'gAAAAABmtEW-N3mTSA2RDH0FJXv7RE74EexT43Vvh0CHU5_GMwt1wn2KM PdANRV-rB_ZFyxIQccQdMiuq07iTwQVg-gE0xhwircpSacbstvZ3rIIpdFA46k=' Decrypted Data b'I am Mohamed Hasan'





Distribution of Data Science Roles



In []: