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### Applications for the Company Compa
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In [2]: !which python3
           /usr/bin/python3
In [3]: from pyspark.sql import SparkSession
from pyspark.sql import functions as F
           import os
           os.environ['PYSPARK_PYTHON']='/usr/bin/python3'
In [7]: Jiyad Spark Context = SparkSession\
                .builder \
                .appName("JiyadKhan") \
               config("spark.mongodb.input.uri","mongodb://127.0.0.1:27017/JiyadKhan.i19-1771") \
config("spark.mongodb.output.uri","mongodb://127.0.0.1:27017/JiyadKhan.i19-1771") \
               .config('spark.jars.packages','org.mongodb.spark:mongo-spark-connector_2.12:3.0.0')\
In [9]: Jiyad Spark Context
Out[9]: SparkSession - in-memory
           SparkContext
           Spark UI
           Version
           v3.1.1
           Master
           local[*]
           AppName
```

JiyadKhan

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In [16]: df.write.format("mongo").mode("append").save()
In [17]: new df=Jiyad Spark Context.read.format("mongo").load()
In [18]: new df.head(5)
Row(_id=Row(oid='60b54f397a0f7d19d2e27c95'), fname='ALi', lname='Kamal', name='ALi, Kamal'), Row(_id=Row(oid='60b54f397a0f7d19d2e27c96'), fname='Shayan', lname='Mansoor', name='Shayan, Mansoor'), Row(_id=Row(oid='60b54f397a0f7d19d2e27c97'), fname='Mahreen', lname='Athar', name='Mahreen, Athar')]
In [19]: new_df.show()
          +-----
            _id| fname| lname|
                                                                     namel
           |{60b54f397a0f7d19...|
                                         Musa
                                                   DC |
                                                                  Musa, DC
            {60b54f397a0f7d19...|
                                                            Ahmed, Wadood
                                     Ahmed| Wadood|
            {60b54f397a0f7d19...|
                                         Ali| Kamal|
                                                              Ali. Kamal
           |{60b54f397a0f7d19...| Shayan|Mansoor| Shayan,Mansoor|
|{60b54f397a0f7d19...| Mahreen| Athar| Mahreen, Athar
|{60b54f397a0f7d19...|Saifullah| Rahool|Saifullah, Rahool
           |{60b54f397a0f7d19...| Arsal| Ahmad|
                                                           Arsal, Ahmad
In [21]: Jiyad Spark Context.stop()
 In [ ]:
```