**create a collection by using pycharm**

1. To understand the datamodel of firebase , first go through the below link understand basics of firebase

<https://firebase.google.com/docs/firestore>

on the above link they clearly explained about firebase

1. Collection is nothing but table name, firebase has functionality that we can not create an empty collection , we have to create collection with an dummy document
2. Document is nothing but as row
3. Below is the code for creating a new collection with dummy document

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|  |
|  | import json |
|  | import flask |
|  | import requests |
|  | from datetime import datetime |
|  | import time  import firebase\_admin |
|  | from firebase\_admin import credentials |
|  | from firebase\_admin import firestore |
|  | from firebase\_admin import db |
|  |  |
|  |  |
|  | cred = credentials.Certificate('folk-test-8a3ae-firebase-adminsdk-l4cmh-4d35e34bd3.json') |
|  |  |
|  | firebase\_admin.initialize\_app(cred, { |
|  | 'databaseURL': 'https://folk-test-8a3ae.firebaseio.com/' |
|  | })  db = firestore.client()  data = {     u'name': u'Los Angeles',     u'state': u'CA',     u'country': u'USA' }  # Add a new doc in collection 'cities' with ID 'LA' db.collection(u'cities').document(u'LA').set(data)  In the above “cities” is Collection  “LA” is document  “data” is which you inserted in the document |