

## JakeDineen\_7.4.3

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In [9]: # I believe this would work, but I'm unable to establish a connection.
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```
#!/pip install pymongo
from pymongo import MongoClient
client = MongoClient()
client = MongoClient('localhost', 27017)
client = MongoClient('mongodb://localhost:27017/')
db = client.test_database
```

```
Out[9]: Collection(Database(MongoClient(host=['localhost:27017'], document_class=dict, tz_aware=False)))
```

```
In [15]: peoplelist = [{ "name": "Britney Sykes", "age": 21 , 'position':'Guard'},
                        { "name": "Briana Day", "age": 19, 'position':'Center'},
                        { "name": "Alexis Peterson", "age": 21, 'position':'Guard' },
                        { "name": "Gabby Cooper", "age": 18, 'position':'Guard'}]
```

```
peoplecoll = db.people
type(peoplecoll)
```

```
Out[15]: pymongo.collection.Collection
```

```
In [17]: peoplecoll.insert_many(peoplelist)
```

```
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ServerSelectionTimeoutError                                Traceback (most recent call last)
```

```
<ipython-input-17-90fa2fb2dd63> in <module>()
----> 1 peoplecoll.insert_many(peoplelist)
```

```
~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\collection.py in
751         blk = _Bulk(self, ordered, bypass_document_validation)
752         blk.ops = [doc for doc in gen()]
--> 753         blk.execute(write_concern, session=session)
754         return InsertManyResult(inserted_ids, write_concern.acknowledged)
```

755

```
~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\bulk.py in execute
511         self.execute_no_results(sock_info, generator)
512     else:
--> 513         return self.execute_command(generator, write_concern, session)
514
515

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\bulk.py in execute
334
335     client = self.collection.database.client
--> 336     with client._tmp_session(session) as s:
337         client._retry_with_session(
338             self.is_retryable, retryable_bulk, s, self)

~\Documents\Anaconda3\envs\tensorflowlatest\lib\contextlib.py in __enter__(self)
79     def __enter__(self):
80         try:
---> 81             return next(self.gen)
82         except StopIteration:
83             raise RuntimeError("generator didn't yield") from None

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\mongo_client.py :
1569         return
1570
-> 1571     s = self._ensure_session(session)
1572     if s and close:
1573         with s:

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\mongo_client.py :
1556         # Don't make implicit sessions causally consistent. Applications
1557         # should always opt-in.
-> 1558         return self.__start_session(True, causal_consistency=False)
1559     except (ConfigurationError, InvalidOperation):
1560         # Sessions not supported, or multiple users authenticated.

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\mongo_client.py :
1509
1510     # Raises ConfigurationError if sessions are not supported.
-> 1511     server_session = self._get_server_session()
1512     opts = client_session.SessionOptions(**kwargs)
```

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1513         return client_session.ClientSession(

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\mongo_client.py :
1542     def _get_server_session(self):
1543         """Internal: start or resume a _ServerSession."""
-> 1544     return self._topology.get_server_session()
1545
1546     def _return_server_session(self, server_session, lock):

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\topology.py in g
425         any_server_selector,
426         self._settings.server_selection_timeout,
--> 427         None)
428     elif not self._description.readable_servers:
429         self._select_servers_loop(

~\Documents\Anaconda3\envs\tensorflowlatest\lib\site-packages\pymongo\topology.py in _
197         if timeout == 0 or now > end_time:
198             raise ServerSelectionTimeoutError(
--> 199                 self._error_message(selector))
200
201         self._ensure_opened()

```

ServerSelectionTimeoutError: localhost:27017: [WinError 10061] No connection could be made

```

In [ ]: docs = peoplecoll.find()

for doc in docs:
    if doc['age'] < 20:
        print(doc)

```