

```
from swarms_memory import WeaviateDB
```

```
weaviate_client = WeaviateDB(  
    http_host="YOUR_HTTP_HOST",  
    http_port="YOUR_HTTP_PORT",  
    http_secure=True,  
    grpc_host="YOUR_gRPC_HOST",  
    grpc_port="YOUR_gRPC_PORT",  
    grpc_secure=True,  
    auth_client_secret="YOUR_APIKEY",  
    additional_headers={"X-OpenAI-API-Key": "YOUR_OPENAI_APIKEY"},  
    additional_config=None, # You can pass additional configuration here  
)
```

```
weaviate_client.create_collection(  
    name="my_collection",  
    properties=[  
        {"name": "property1", "dataType": ["string"]},  
        {"name": "property2", "dataType": ["int"]},  
    ],  
    vectorizer_config=None, # Optional vectorizer configuration  
)
```

```
weaviate_client.add(  
    collection_name="my_collection",  
    properties={"property1": "value1", "property2": 42},
```

)

```
results = weaviate_client.query(
```

```
    collection_name="people", query="name:John", limit=5
```

```
)
```