

```
mysql> SELECT user FROM mysql. user;
+-----+
| user          |
+-----+
| root          |
| mysql.infoschema |
| mysql.session |
| mysql.sys     |
| root          |
+-----+
5 rows in set (0.00 sec)

mysql> CREATE USER 'new_user'@'localhost' IDENTIFIED by 'pass2'
-> ;
Query OK, 0 rows affected (0.03 sec)

mysql> SELECT user FROM mysql. user;
+-----+
| user          |
+-----+
| root          |
| mysql.infoschema |
| mysql.session |
| mysql.sys     |
| new_user      |
| root          |
+-----+
6 rows in set (0.00 sec)

mysql> █
```

```
yshvrd — docker exec -it bee9c66d4655 bash — docker — docker exec -it bee9c66d4655 bash — 80x25
→ ~ docker exec -it bee9c66d4655 bash
bash-5.1# mysql -u new_user -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 9.0.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database          |
+-----+
| information_schema |
| performance_schema |
+-----+
2 rows in set (0.03 sec)

mysql> █

mysql> GRANT all privileges on ADS.* to 'new_user'@'localhost';
Query OK, 0 rows affected, 1 warning (0.01 sec)
```

```
mysql> show databases;
+-----+
| Database |
+-----+
| ADS      |
| information_schema |
| performance_schema |
+-----+
3 rows in set (0.01 sec)
```

```
mysql> use ADS;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
Database changed
mysql> show tables;
```

```
+-----+
| Tables_in_ADS |
+-----+
| ADS_01        |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from ADS_01;
```

```
+-----+-----+-----+-----+
| Name      | Age  | Phone      | Class  |
+-----+-----+-----+-----+
| Yash      | 21   | 8734567828 | 21AML-6 |
| Bhavishya | 20   | 8453826745 | 21AML-6 |
| Surya     | 21   | 7854435698 | 21AML-6 |
+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

```
mysql> REVOKE all privileges on ADS.* from 'new_user'@'localhost';
Query OK, 0 rows affected, 1 warning (0.01 sec)
```

```
mysql> flush privileges;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> use ADS;
ERROR 1044 (42000): Access denied for user 'new_user'@'localhost' to database 'ADS'
mysql> █
```

```
mysql> GRANT insert on ADS.* to 'new_user'@'localhost';
Query OK, 0 rows affected, 1 warning (0.01 sec)
```

```
mysql> use ADS;
Database changed
mysql>
mysql> insert into ADS_01(Name, Age, Phone, class) values
-> ('new_user', '0', '1231231234', 'none')
-> ;
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from ADS_01;
ERROR 1142 (42000): SELECT command denied to user 'new_user'@'localhost'
for table 'ADS_01'
mysql>
[mysql> delete from ADS_01 where name = new_user;
ERROR 1142 (42000): DELETE command denied to user 'new_user'@'localhost'
for table 'ADS_01'
mysql> █
```

DeepLearning — zsh + ↗

Test loss: 0.0879, accuracy: 0.9778

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/Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages/keras/src/layers/core/dense.py:87: UserWarning: Do not pass an 'input_shape'/'input_dim' argument to a layer. When using Sequential models, prefer using an 'Input(shape)' object as the first layer in the model instead.

```
super().__init__(activity_regularizer=activity_regularizer, **kwargs)
```

Model: "sequential"

Layer (type)	Output Shape	Param #
dense (Dense)	(None, 128)	100,480
dense_1 (Dense)	(None, 64)	8,256
dense_2 (Dense)	(None, 32)	2,080
dense_3 (Dense)	(None, 16)	528
dense_4 (Dense)	(None, 10)	170

Total params: 111,514 (435.60 KB)

Trainable params: 111,514 (435.60 KB)

Non-trainable params: 0 (0.00 B)

Epoch 1/10

1875/1875 ————— **3s** 1ms/step - accuracy: 0.8457 - loss: 0.4963 - val_accuracy: 0.9591 - val_loss: 0.1323

Epoch 2/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9666 - loss: 0.1129 - val_accuracy: 0.9650 - val_loss: 0.1131

Epoch 3/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9761 - loss: 0.0772 - val_accuracy: 0.9720 - val_loss: 0.0882

Epoch 4/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9811 - loss: 0.0589 - val_accuracy: 0.9737 - val_loss: 0.0807

Epoch 5/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9857 - loss: 0.0461 - val_accuracy: 0.9708 - val_loss: 0.1055

Epoch 6/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9867 - loss: 0.0411 - val_accuracy: 0.9765 - val_loss: 0.0848

Epoch 7/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9894 - loss: 0.0335 - val_accuracy: 0.9725 - val_loss: 0.1032

Epoch 8/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9901 - loss: 0.0312 - val_accuracy: 0.9719 - val_loss: 0.1128

Epoch 9/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9913 - loss: 0.0270 - val_accuracy: 0.9726 - val_loss: 0.1140

Epoch 10/10

1875/1875 ————— **2s** 1ms/step - accuracy: 0.9927 - loss: 0.0237 - val_accuracy: 0.9803 - val_loss: 0.0747

313/313 ————— **0s** 428us/step - accuracy: 0.9782 - loss: 0.0864

Test loss: 0.0747, accuracy: 0.9803

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