In [36]:
```
import pandas as pd
```

In [37]:
```
import mysql.connector
```

In [38]:
```
!pip install pymysql
```

```
Requirement already satisfied: pymysql in c:\users\morri\anaconda3\lib\site-packages (1.0.3)
```

In [39]:
```
import pymysql
```

In [40]:
```
connection = pymysql.connect(
    host='localhost',
    port=3306,
    user='root',
    password='Morries123@',
    database='crime')
```

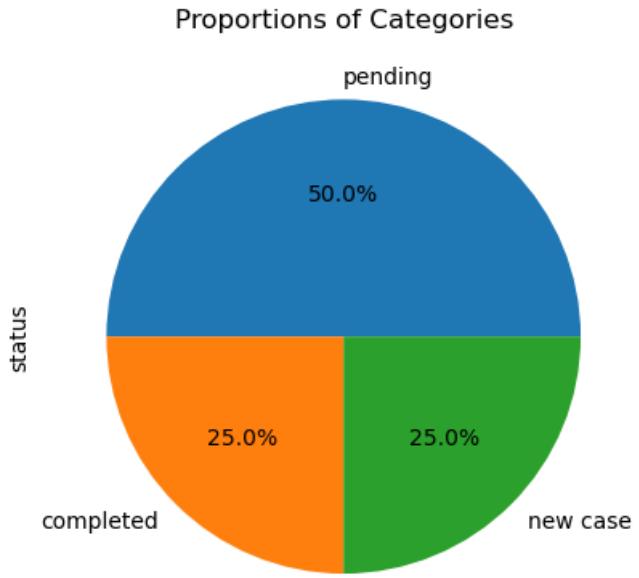
In [41]:
```
cursor = connection.cursor()

# Execute an SQL query
query = "SELECT * FROM police"
cursor.execute(query)

# Fetch all the rows
rows = cursor.fetchall()
```

In [42]:
```
df
```

Out[42]:

	Pol_Name	status	Entry_case_id	Pol_Rank
0	Mathew	completed	1	ACP
1	Shubam	pending	2	ACP
2	Kiran	new case	3	IG
3	Joel	pending	4	SI

In [43]:
```
1  import matplotlib.pyplot as plt
2
3  # Calculate the frequency of each category
4  category_counts = df['status'].value_counts()
5
6  # Plot the frequency distribution as a pie chart
7  category_counts.plot(kind='pie', autopct='%1.1f%%')
8
9  # Add title to the plot
10 plt.title('Proportions of Categories')
11
12 # Show the plot
13 plt.show()
```



In [ ]:
```
1
```

In [ ]:
```
1
```