

# Python\_v\_Best Practice Of Exception Handling\_(Day 29)\_[DATA MINDS]

October 3, 2023

## BEST PRACTICE OF EXCEPTION HANDLING

[1]: *#Note - Use always a specific exception*

```
try:
    10/0
except Exception as e:
    print(e)
```

division by zero

[3]: *#Note - Always try use specific exception not generic exception*

```
try:
    10/0
except ZeroDivisionError as e:
    print(e)
```

division by zero

[6]: *#print always a proper message*

```
try:
    10/0
except ZeroDivisionError as e:
    print("I am trying to handle a zerodivision error",e)
```

I am trying to handle a zerodivision error division by zero

[8]: *#Always try to log our error*

```
import logging
logging.basicConfig(filename="error.log",level=logging.ERROR)
try:
    10/0
except ZeroDivisionError as e:
    logging.error("I log the the error in log file {}".format(e))
```

```
[9]: # always avoid to write a multiple exception handling

try:
    10/0
except FileNotFoundError as e:
    logging.error("I log the the error in log file {}".format(e))
except AttributeError as e:
    logging.error("I log the the error in log file {}".format(e))
except ZeroDivisionError as e:
    logging.error("I log the the error in log file {}".format(e))

[ ]: # document all the error
     # clean up all the resources
```

Thank you so much !!

Yours Virat Tiwari :)