

Cheat sheet: File handling

File handling with explicit close

```
fd = open(filename, mode)
```

```
...
```

```
fd.close()
```

File handling via with-block

```
with open(filename, mode) as fd:
```

```
...
```

File opening modes

```
r read      w write    a append
```

```
r+ read/write (for text files)
```

```
rb, wb, ab, r+b (for binary files)
```

Iterating over lines

```
for line in fd:
```

```
...
```

File reading methods

```
fd.readlines() All lines as list
```

```
fd.readline() Next line as string
```

```
fd.read() Entire content as string
```

File writing methods

```
fd.write() Write str
```

```
fd.writelines() Write list of strings
```

Numpy data I/O

```
np.loadtxt() Content into array
```

```
np.savetxt() Array data to file
```

Path manipulation

```
os.path.* Paths as strings
```

```
pathlib.Path Paths as objects
```