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FREE

DATA SCIENCE

Python · AWK · SQL

terminal

```
import numpy as np
a = np.array([3, 5, 8])
print(a.mean())
5.333333333333333
```

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SHORT 04

Free Python & Data Skills for Data Scientists

100% Free

Just a Browser

English + Dari

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SHORT 04

Python for Data

1. Strings, lists, sets, tuples, dicts
2. NumPy for fast arrays
3. Functional & object-oriented Python

terminal

```
import numpy as np
a = np.array([3, 5, 8])
print(a.mean())
5.333333333333333
```

SHORT 04

Clean Data on the Command Line

1. Slice CSV files with AWK
2. Filter with grep, sort & uniq
3. Automate it with Bash

terminal

```
$ awk -F, '{print $2}' sales.csv \
    | sort | uniq -c \
    | sort -nr | head
```

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