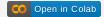
# Polars cheat sheet





#### General

```
Install
pip install polars
```

```
import polars as pl
```

# **Creating/reading DataFrames**

## **Subset Observations - rows**

```
# Filter: Extract rows that meet logical crite
df.filter(pl.col("random") > 0.5)
df.filter(
   (pl.col("groups") == "B")
   & (pl.col("random") > 0.5)
)

# Sample
# Randomly select fraction of rows.
df.sample(frac=0.5)

# Randomly select n rows.
df.sample(n=2)

# Select first n rows
df.head(n=2)

# Select last n rows.
df.tail(n=2)
```

### Subset Variables - columns

```
# Select multiple columns with specific names.
df.select(["nrs", "names"])

# Select columns whose name matches regex.
df.select(pl.col("^n.*$"))
```