

# Polars cheat sheet

 [Open in Colab](#)



## General

### Install



```
pip install polars
```

### Import

```
import polars as pl
```

### Creating/reading DataFrames

```
# Create DataFrame
df = pl.DataFrame(
    {
        "nrs": [1, 2, 3, None, 5],
        "names": ["foo", "ham", "spam", "egg", None],
        "random": [0.3, 0.7, 0.1, 0.9, 0.6],
        "groups": ["A", "A", "B", "C", "B"],
    }
)

# Read CSV
df = pl.read_csv("https://j.mp/iriscsv",
                 has_header=True)

# Read parquet
df = pl.read_parquet("path.parquet")
```

### Querying data

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

# Filter
df.filter(pl.col("groups") == "B")
```

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