

UltraQuery Documentation

Overview

UltraQuery is a fast and lightweight Python module + CLI tool to:

- Read CSVs
- Build DataFrames
- Plot data quickly from the terminal or Python

Powered by custom logic, it performs faster than traditional tools like Pandas for basic CSV operations.

Installation

```
pip install UltraQuery
```

Python Usage

```
from ultraquery import UltraQuery

uq = UltraQuery.UltraQuery()

# View raw CSV data
uq.viewdata("cars.csv", limit=20)

# Build DataFrame-like object
df = uq.df("cars.csv", limit=100)

# Plot graph
uq.plot("cars.csv", x="year", y="price", typ="line")
```

Available Functions

- viewdata(csv, limit): Show top N rows
- df(csv, limit): Create DataFrame-like structure
- plot(csv, x, y, typ): Plot data (line, bar, etc.)

CLI Usage

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```
# Show DataFrame
ultraquery -f cars.csv -l 50 -df anything

# Plot from CSV
ultraquery -f cars.csv -l 100 -plt -x year -y price -typ line
```

Flags:

- -f: CSV file path
- -l: Row limit
- -df: Show data
- -plt: Trigger plot
- -x: X-axis
- -y: Y-axis
- -typ: Plot type

Features

- Fast CSV loading
- Basic DataFrame support
- Python & CLI interface
- Simple plotting
- No filtering yet

Example

```
ultraquery -f sales.csv -l 100 -plt -x month -y revenue -typ bar
```

GitHub & PyPI

GitHub: <https://github.com/krishna-agarwal44546/UltraQuery>

PyPI: <https://pypi.org/project/UltraQuery/>