Hello, Quarto

Markdown

Markdown is an easy to read and write text format:

- It's *plain text* so works well with version control
- It can be **rendered** into HTML, PDF, and more
- Learn more at: https://quarto.org/docs/authoring/

Code Cell

Here is a Python code cell:

```python
import os
os.cpu_count()
```

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```python
import pandas as pd
import vl_convert as vlc
from splink.duckdb.duckdb_linker import DuckDBLinker
from splink.duckdb.duckdb_comparison_library import (
    exact_match,
    levenshtein_at_thresholds,
)
path = "https://raw.githubusercontent.com/moj-analytical-services/splink/master/tests/data
df = pd.read_csv(path)

settings = {
    "link_type": "dedupe_only",
    "blocking_rules_to_generate_predictions": [
```

```python
        "l.first_name = r.first_name",
        "l.surname = r.surname",
    ],
    "comparisons": [
        levenshtein_at_thresholds("first_name", 2),
        exact_match("surname"),
        exact_match("dob"),
        exact_match("city", term_frequency_adjustments=True),
        exact_match("email"),
    ],
    "retain_intermediate_calculation_columns": True,
}


linker = DuckDBLinker(df, settings)


chart = linker.match_weights_chart()


png_data = vlc.vegalite_to_png(vl_spec=chart.spec, scale=4)
with open("vl_convert_chart3.png", "wb") as f:
    f.write(png_data)
```
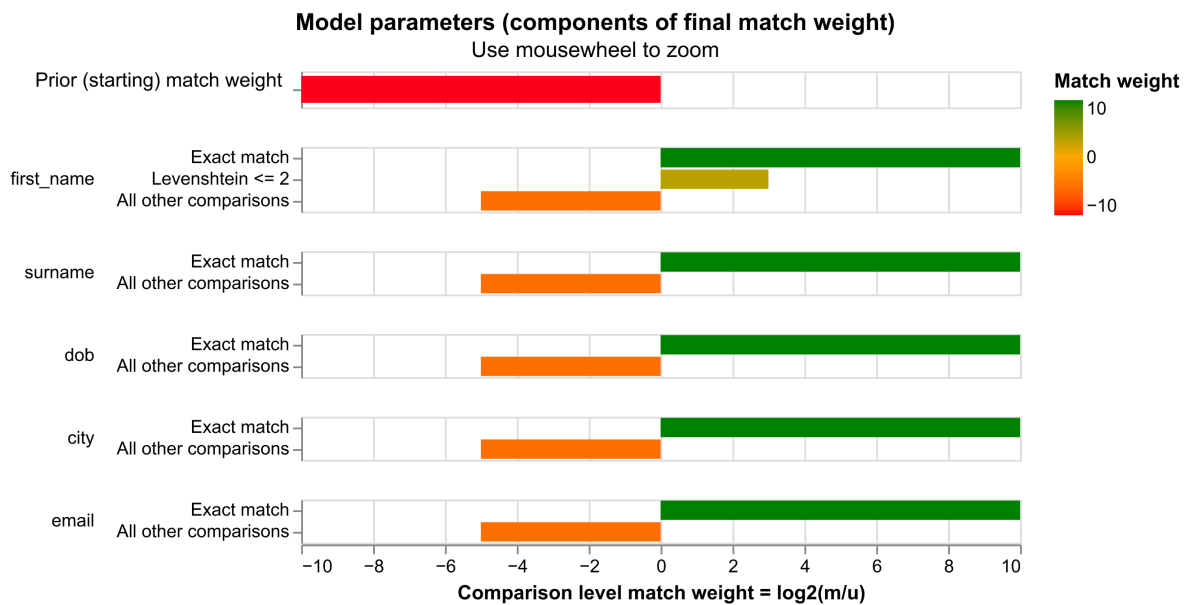

Figure 1: My VL chart