

Do you want to know the price of a data asset in the market?

Just type in the description of the data asset...

Demo: Data Products Pricing

Title:

Consumer Transaction Data

Description:

Access to Consumer spend data of de-identified 4M users over 9 years. Clean tagged consumer transaction data on millions of merchants public and private. Suitable for all investment use cases - Fundamental, Quant, Private Equity, Venture Capital.

Select a file to load:

consumer-transaction-data.json

Load file

Check category

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Data Product Category

- | | | |
|--|---|--|
| <input type="checkbox"/> Financial Data | <input type="checkbox"/> Gaming Data | <input checked="" type="checkbox"/> Retail, Location & Marketing |
| <input type="checkbox"/> Healthcare-related Data | <input type="checkbox"/> Automotive Data | |
| <input type="checkbox"/> Media and Entertainment | <input type="checkbox"/> Manufacturing Data | <input type="checkbox"/> Public Sector Data |
| <input type="checkbox"/> Telecommunications | <input type="checkbox"/> Resources | <input type="checkbox"/> Other types of data |

Main features

Units:

4000000

Type of units:

people

History (days):

3285

Formats supported:

sql x txt x

Update frequency:

daily x

Delivery methods supported:

S3Bucket x

Geo scope:

United States of ... x

Other metadata features

- | | |
|---|---|
| <input type="checkbox"/> Limitations (e.g., limited users) | <input type="checkbox"/> Serves data on demand |
| <input type="checkbox"/> Includes professional services | <input type="checkbox"/> Real-time data |
| <input checked="" type="checkbox"/> Allows to track individuals' sessions | <input type="checkbox"/> Includes location data |
| <input checked="" type="checkbox"/> Identifies companies | |

Submit

... and some information about its metadata

The data pricing tool will show you similar datasets offered in public commercial data marketplaces...

Consumer Transaction Data

Similar datasets

DMid	ProductKey	DM	Title
2	779	DataRade	Yodlee's Quant Panel USA consumer transaction data, highly granular
None	777	DataRade	Yodlee's Complete Panel US consumer transaction data - highly granular
None	803	DataRade	Fable Data Aggregated European Consumer Transaction Dataset
None	802	DataRade	Fable Data Row Level European Consumer Transaction Data
1	2,708	AWS	Consumer Data Insights - Platinum (Trial)
2	801	DataRade	Money Dashboard UK & EU Consumer Transaction Panel 400 Listed Entities
None	260	DataRade	QueXopa Debit & Credit Card Transaction Data (Spain) - Uniquely Refined Transactions
41	695	Snowflake	DemystData: Consumer Transactions
2	133	DataRade	Facteus Transaction Data - US Consumer Card Payments - Express
None	774	DataRade	Yodlee's 4M Panel (US Consumer Transaction Data, de-identified)

... a market-price estimation, and an explanation of the feature groups multiplying or dividing the price of your data asset, ...

Consumer Transaction Data

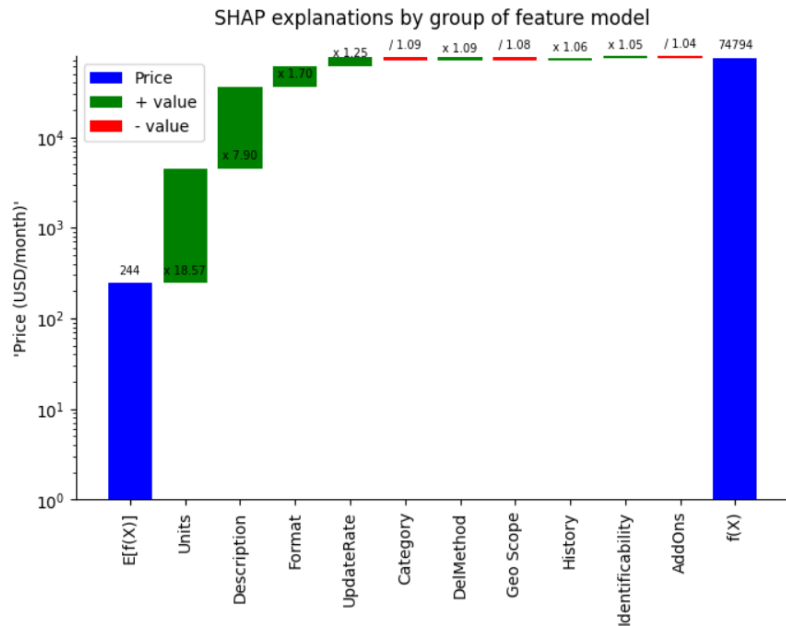
Avg price: 72424.2 USD/month

Max: 145854.0 Min: 38797.0

Access to Consumer spend data of de-identified 4M users over 9 years. Clean tagged consumer transaction data on millions of merchants public and private. Suitable for all investment use cases - Fundamental, Quant, Private Equity, Venture Capital.

→ Average, max and min predicted prices based on real prices observed in the market

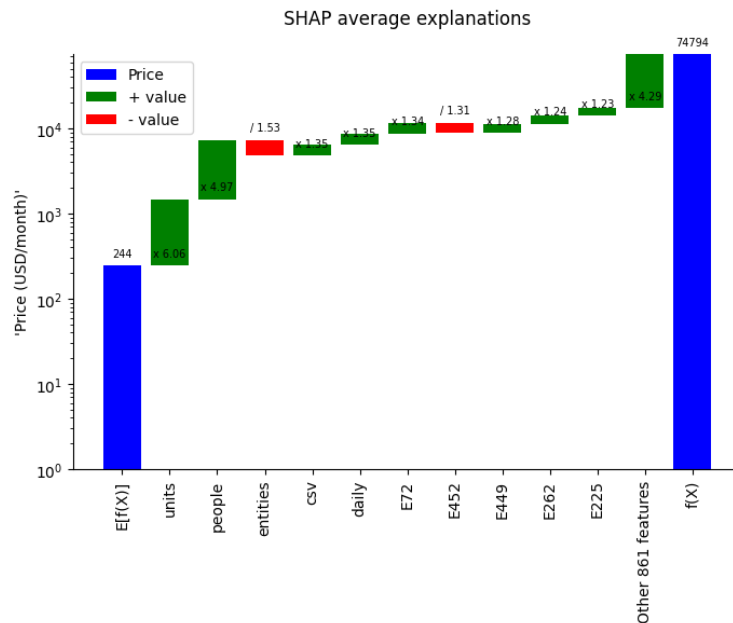
→ Relevant words that affect the price of the asset, either positively (green) or negatively (red)



→ The chart compares the average prediction for the training set – $E[f(X)]$ – with the actual prediction for this product – $f(X)$.

→ In this case, the amount of people whose data is included, and the description of the product are driving up the price of the data asset

... detail on specific features affecting the price,...



The chart compares the average prediction for the training set – $E[f(X)]$ – with the actual prediction for this product – $f(X)$

In this case, the X-axis shows the top 10 key features of the data affecting the prediction:

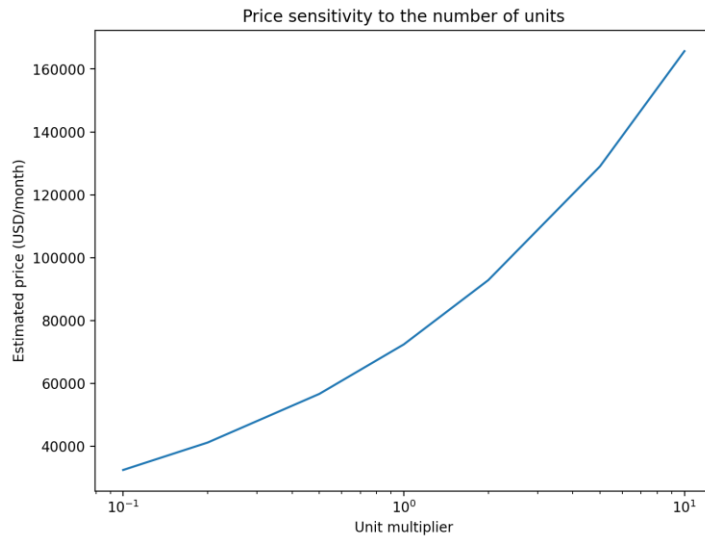
“units”, “people” and “entities” refer to its volume

“csv” refers to its format

“daily” refers to its *daily* update frequency

“Exxx” features correspond to description encodings, but token importance is more human-readable

... and even the price sensitivity to specific features, such as the volume of data supplied.



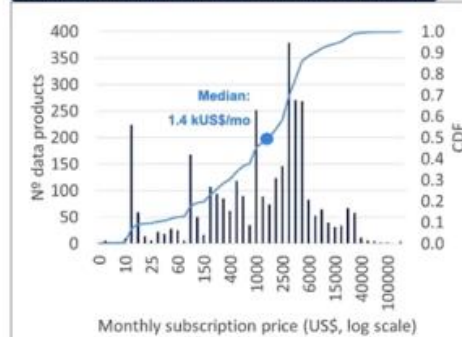
Dividing the number of people whose data is supplied by 10 (900K) \Rightarrow dividing the price by 2.2

Multiplying it by 10 (90K) \Rightarrow multiplying the Price by 2.3

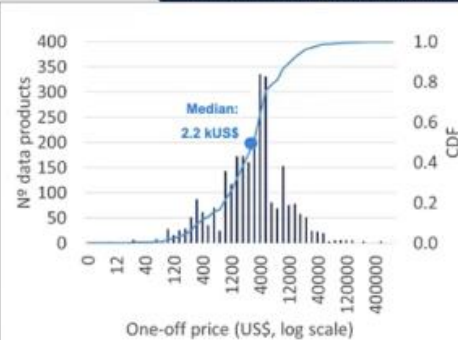
This prototype is based on my prior research on understanding the price of data in commercial data marketplaces

 We found that data sells at an immensely wide range of prices, ...

Subscription-based data product prices



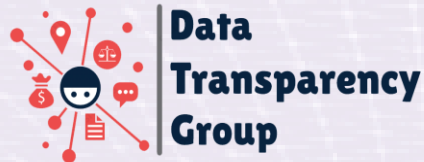
One-off data product prices



S. A. Azcoitia, C. Iordanou and N. Laoutaris, "[Understanding the Price of Data in Commercial Data Marketplaces](#)". *2023 IEEE 39th International Conference on Data Engineering (ICDE)*, Anaheim, CA, USA, 2023, pp. 3718-3728, doi: 10.1109/ICDE55515.2023.00300.

Thank you!

For more information please contact:



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