



SPELL TRENDS

MTG PRICE PREDICTIONS

Presented by JD Mentz



WHO AM I

- Data Scientist
- Life-Long Geek
- Numbers Fiend
- 9 years of MtG



AGENDA

1 GOALS

2 DATA USED

3 DATA
PREPARATION

4 MODELING

5 CONCLUSIONS

6 NEXT STEPS

GOALS

Predict Prices

- Investing
- Inform purchasing
- Spot Trends



DATA SETS USED



SCRYFALL BULK DATA

- Daily updates
- Every unique card (415580 entries)
- Contains Image Data



MTGJSON - ALL CARDS

- Contains both IDs



MTGJSON - ALL PRICES

- 90-day price data
- All card variations



TCGPLAYER PRICES

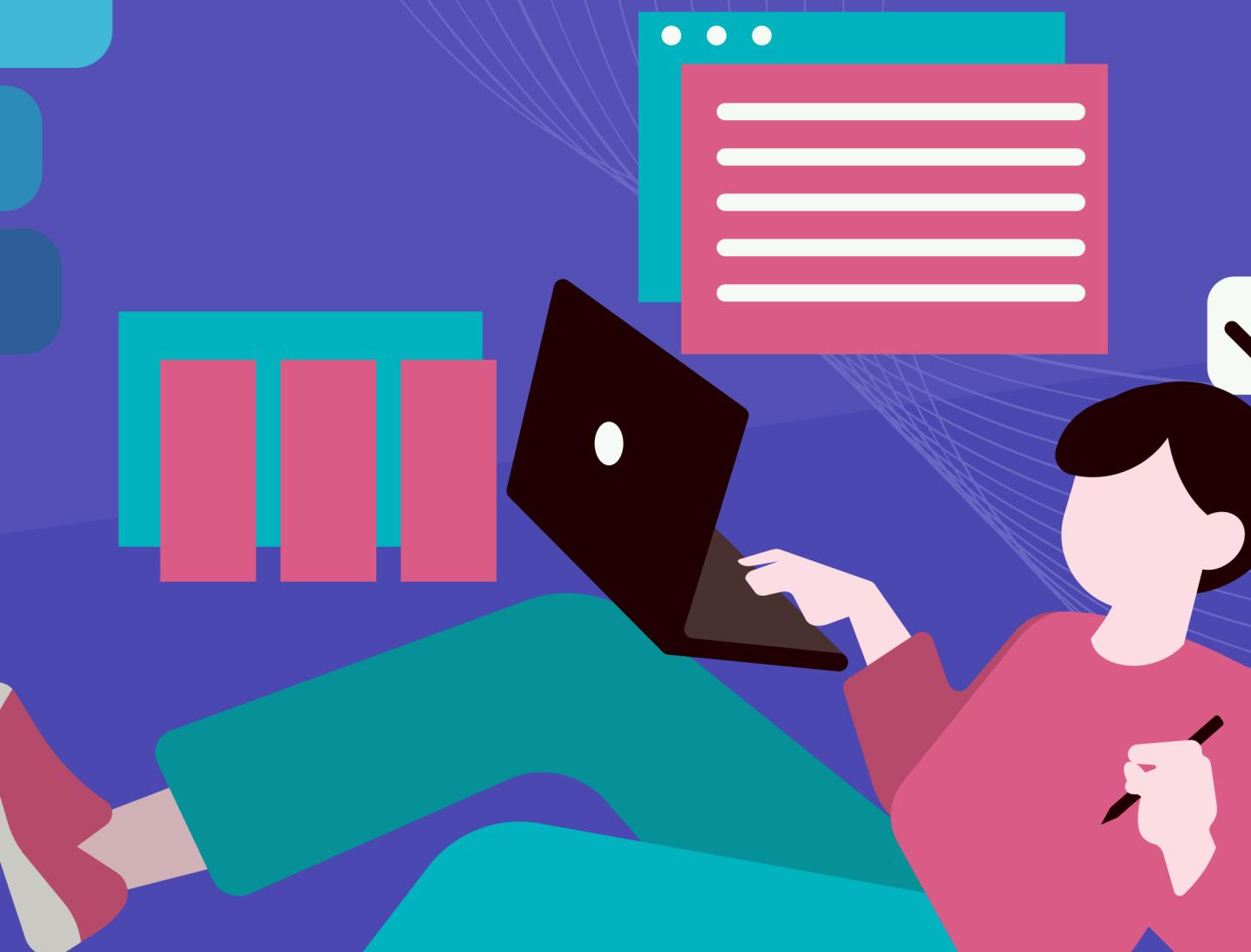
- Most popular MtG marketplace
- Reports market prices
- Contained in All Prices data



DATA PREPARATION

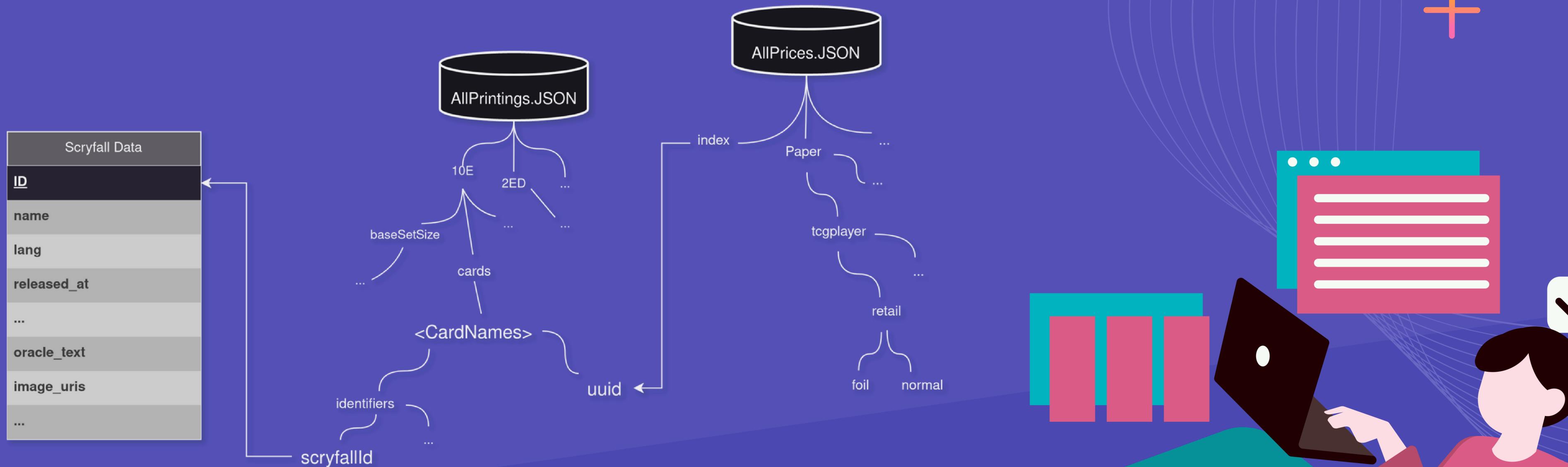
Scryfall Data

Everything	415,580
English	80,033
Normal-Sized	79,470
Legal Game Pieces	77,435
Physical Cards	69,414
Regular Printings	67,533
Have Type(s)	67,520
Not Playtest	67,280



DATA PREPARATION

MtGJson Data



DATA PREPARATION

Text Processing

