

Mothers in the Workforce: A Need, No Longer a Choice

by Kelsey Taylor

Devmountain 2022 Data Analytics Specializations Capstone

Technologies Used

Data Collection Sources

BLS - SOURCE: Annual Social and Economic Supplements, 1968-2008, Current Population Survey, U.S. Department of Labor, U.S. Bureau of Labor Statistics.

<https://www.bls.gov/cps/wlftable23.htm>

https://www.bls.gov/opub/ted/2014/ted_20140602.htm - Wives income as percentage of total income

OECD - LFS (Labour Force Statistics) by sex and age - composition

<https://stats.oecd.org/#>

Census.gov - Table P-1. CPS Population and Per Capita Money Income, All People: 1967 to 2021

www.census.gov/topics/income-poverty/income/guidance/cps-historic-footnotes.html

Table H-8. Median Household Income by State: 1984 to 2021

<https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>

Average and Median Price for a New Home

http://www.fedprimerate.com/new_home_sales_price_history.htm

Median Sale Price of Houses Sold for the United States

<https://fred.stlouisfed.org/series/MSPUS>

OECD - Net childcare costs for parents using childcare facilities

<https://stats.oecd.org/Index.aspx?DataSetCode=NCC#>

United States Total Housing Inventory -

<https://tradingeconomics.com/united-states/total-housing-inventory#:~:text=Total%20Housing%20Inventory%20in%20the%20United%20States%20averaged%20232.93%20Thousands.Thousands%20in%20January%20of%202022>

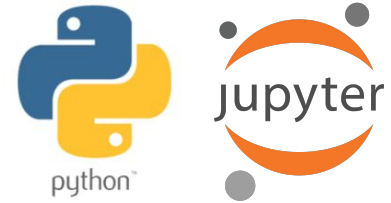
Data Cleaning

- Excel
- Python
- Jupyter Notebook



Exploratory Data Analysis (EDA)

- Python
 - Pandas
 - Matplotlib
 - Seaborn
- Jupyter Notebook



Visualizations

- PowerBI



Consumer Price Index (CPI)

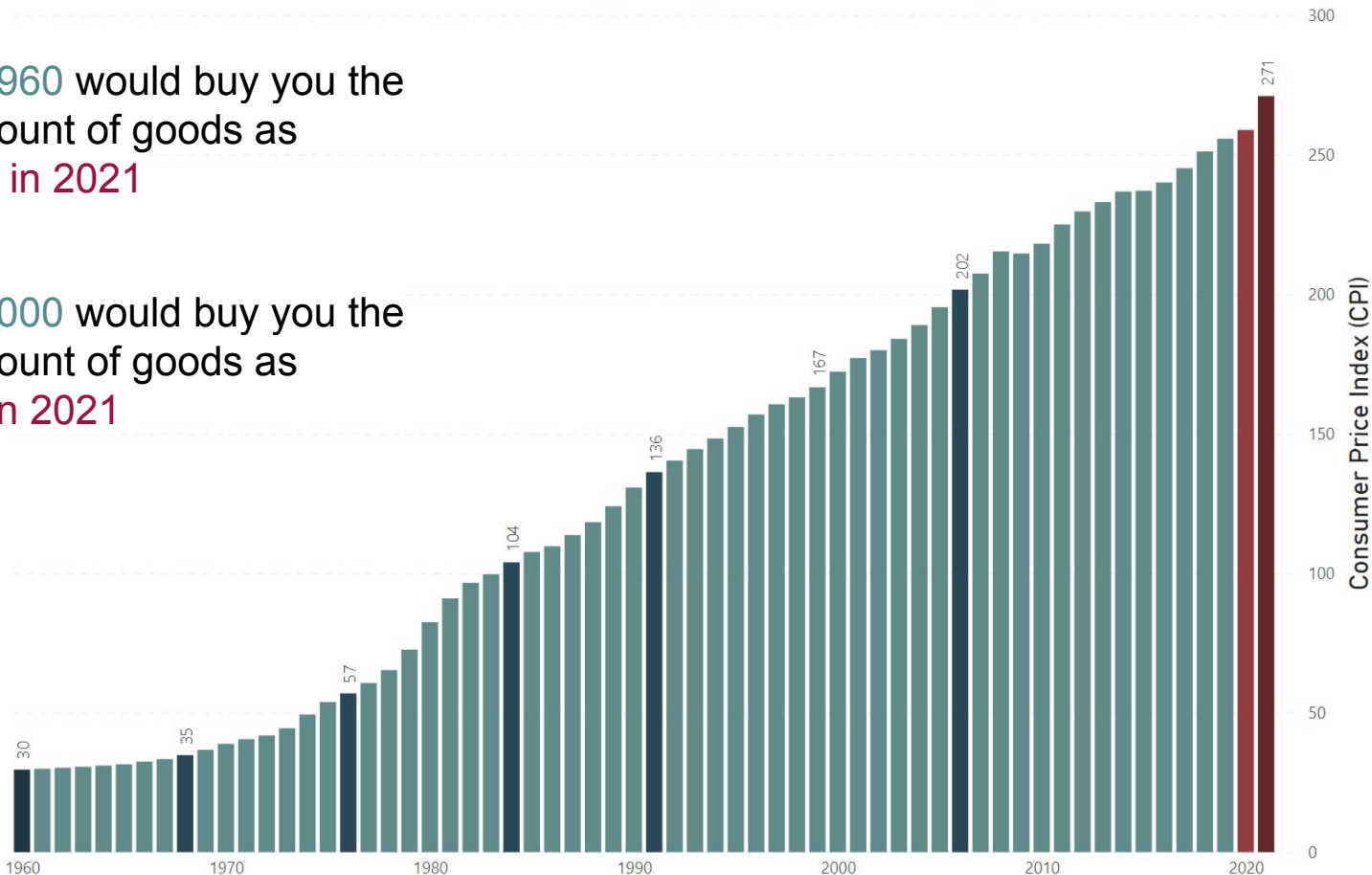
Shows us how the purchasing power of the dollar has changed over time based on a market "basket" of consumer goods and services purchased by the typical urban consumer in the United States.



Consumer Price Index (CPI) increases 240 points over the last 60 years

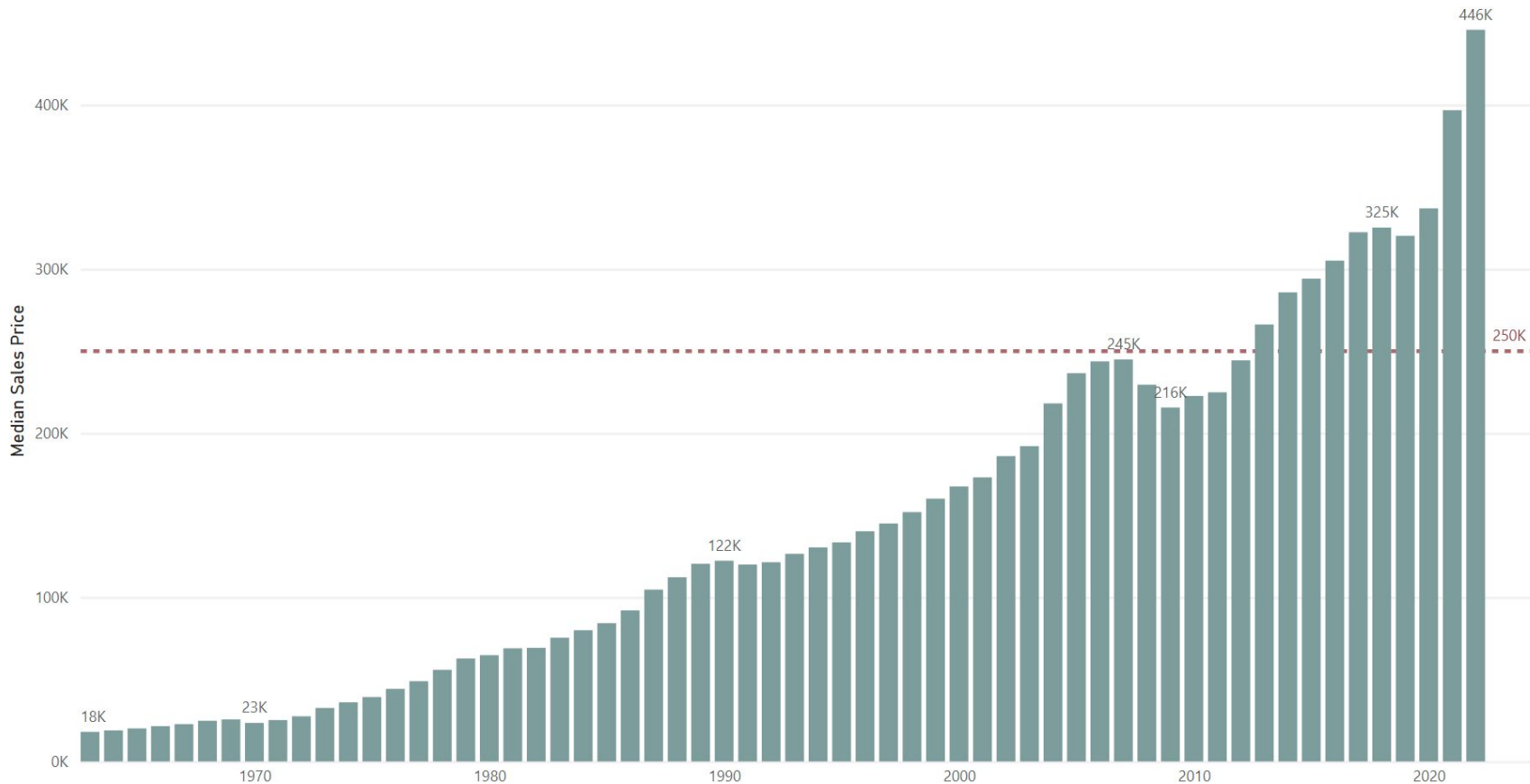
\$150 in 1960 would buy you the same amount of goods as **\$1374.09** in 2021

\$150 in 2000 would buy you the same amount of goods as **\$236.04** in 2021



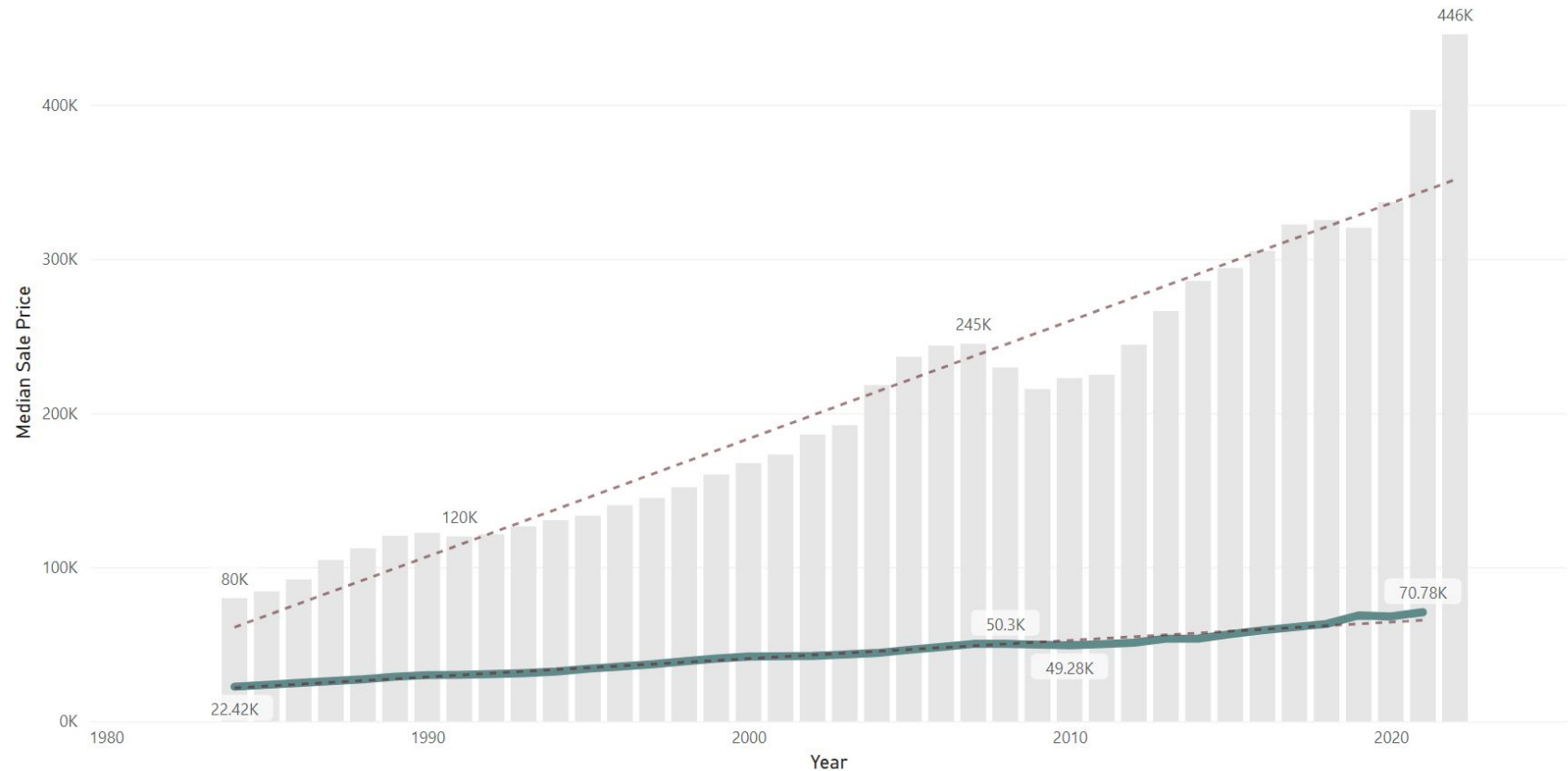


Median Sale Price of US homes over \$250,000 since 2013, and rising

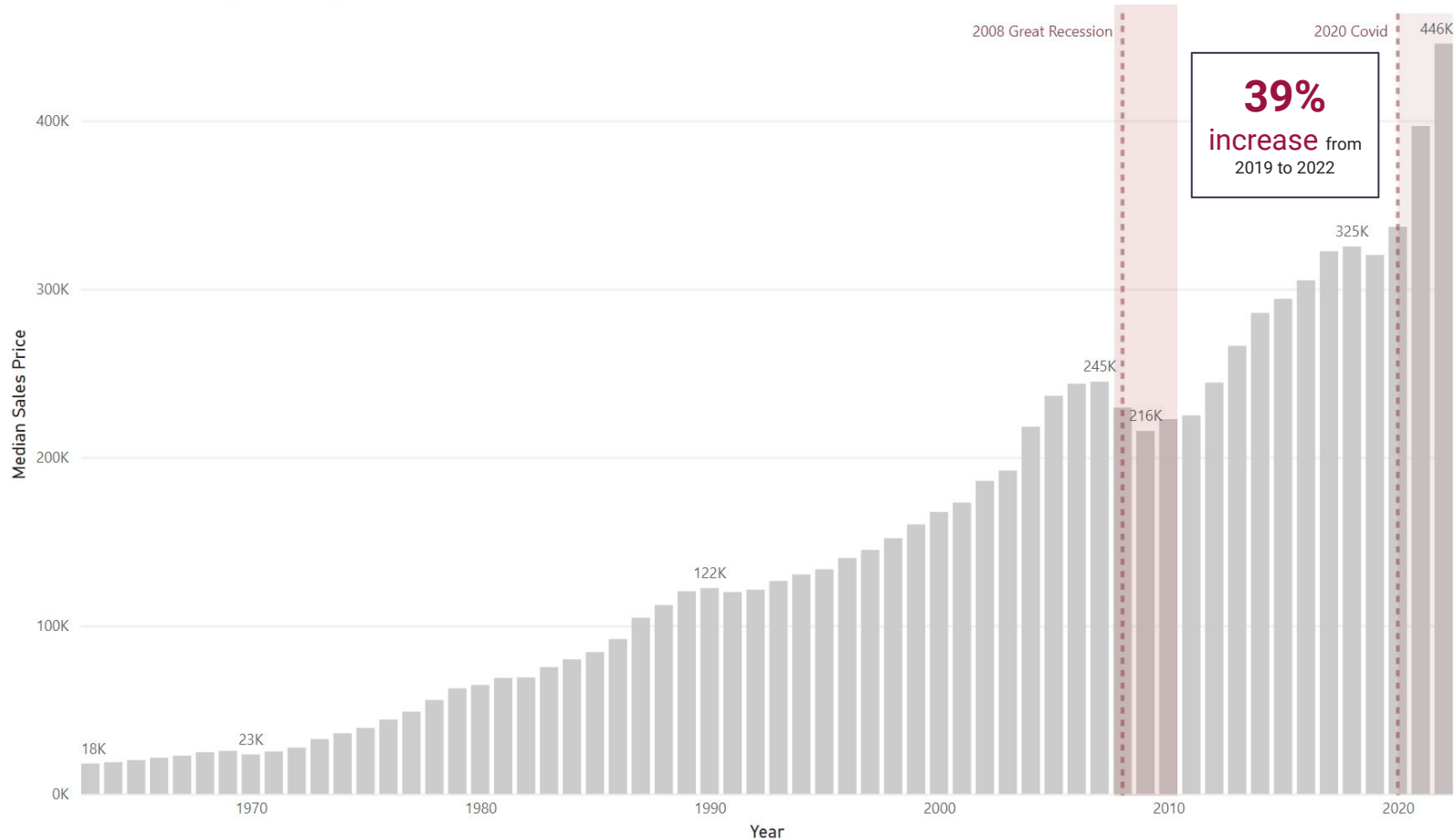


Median income fails to keep up with rising home costs

● Median Sale Price ● Median Household Income



US events impacting cost of homes



Supply & Demand suggest no imminent housing crash

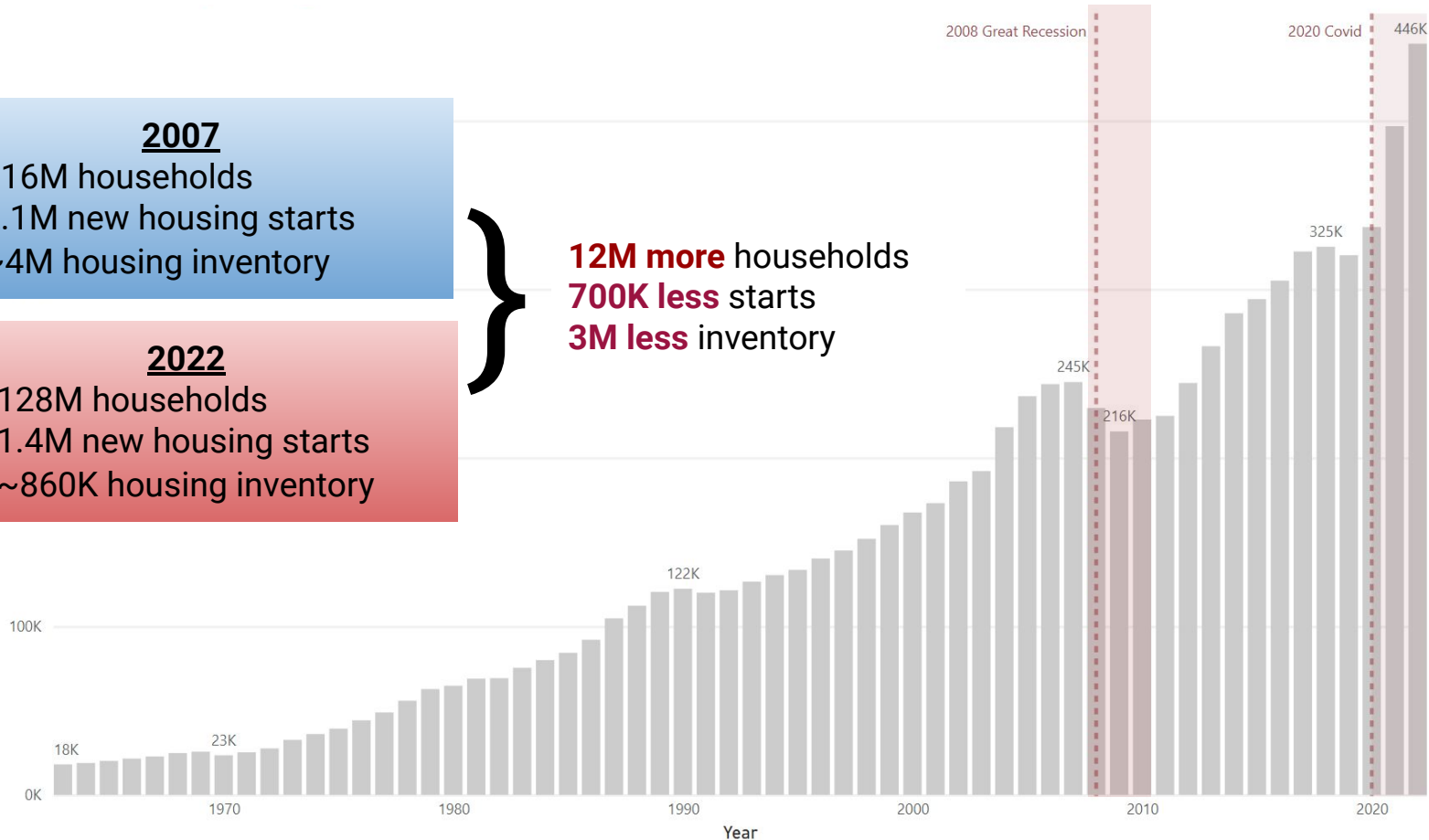
2007

- 116M households
- 2.1M new housing starts
- ~4M housing inventory

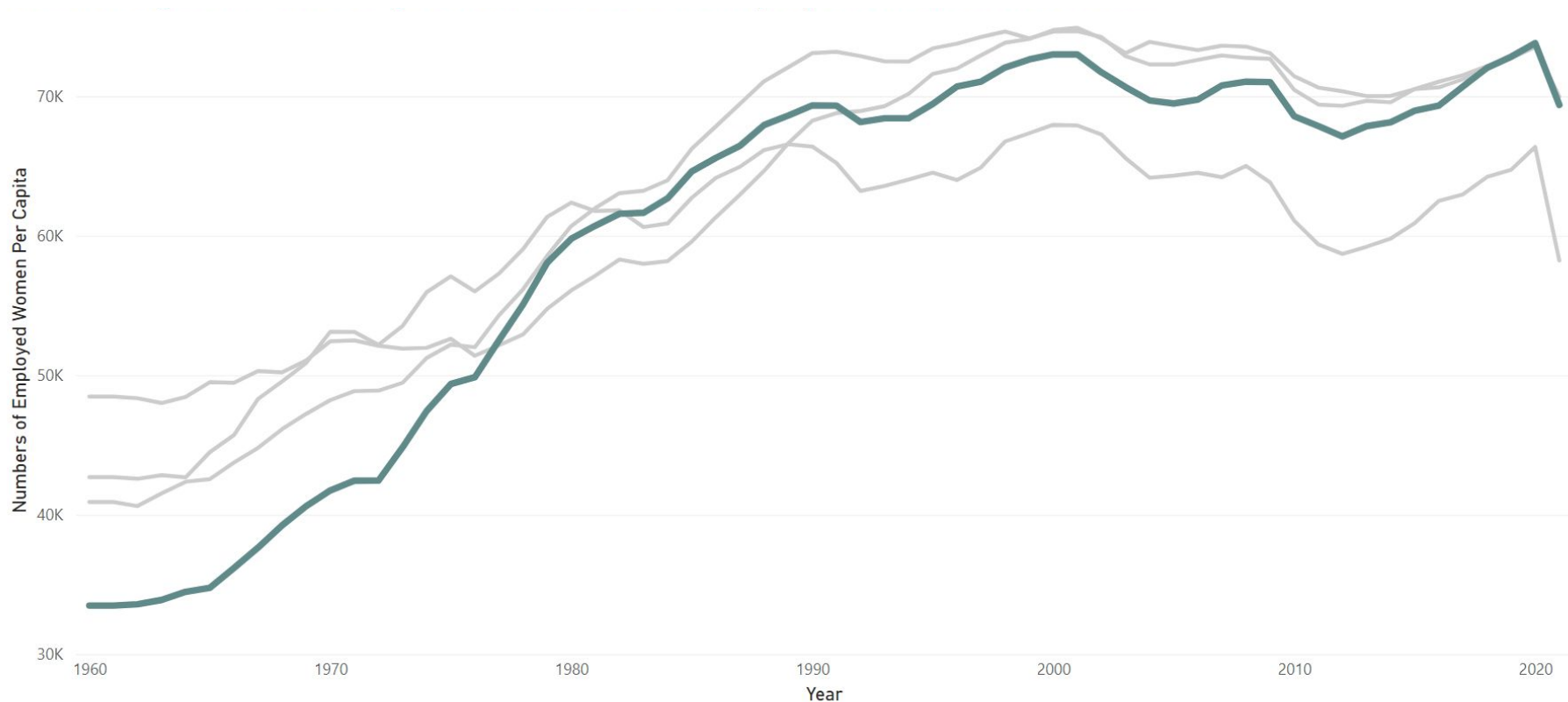
2022

- 128M households
- 1.4M new housing starts
- ~860K housing inventory

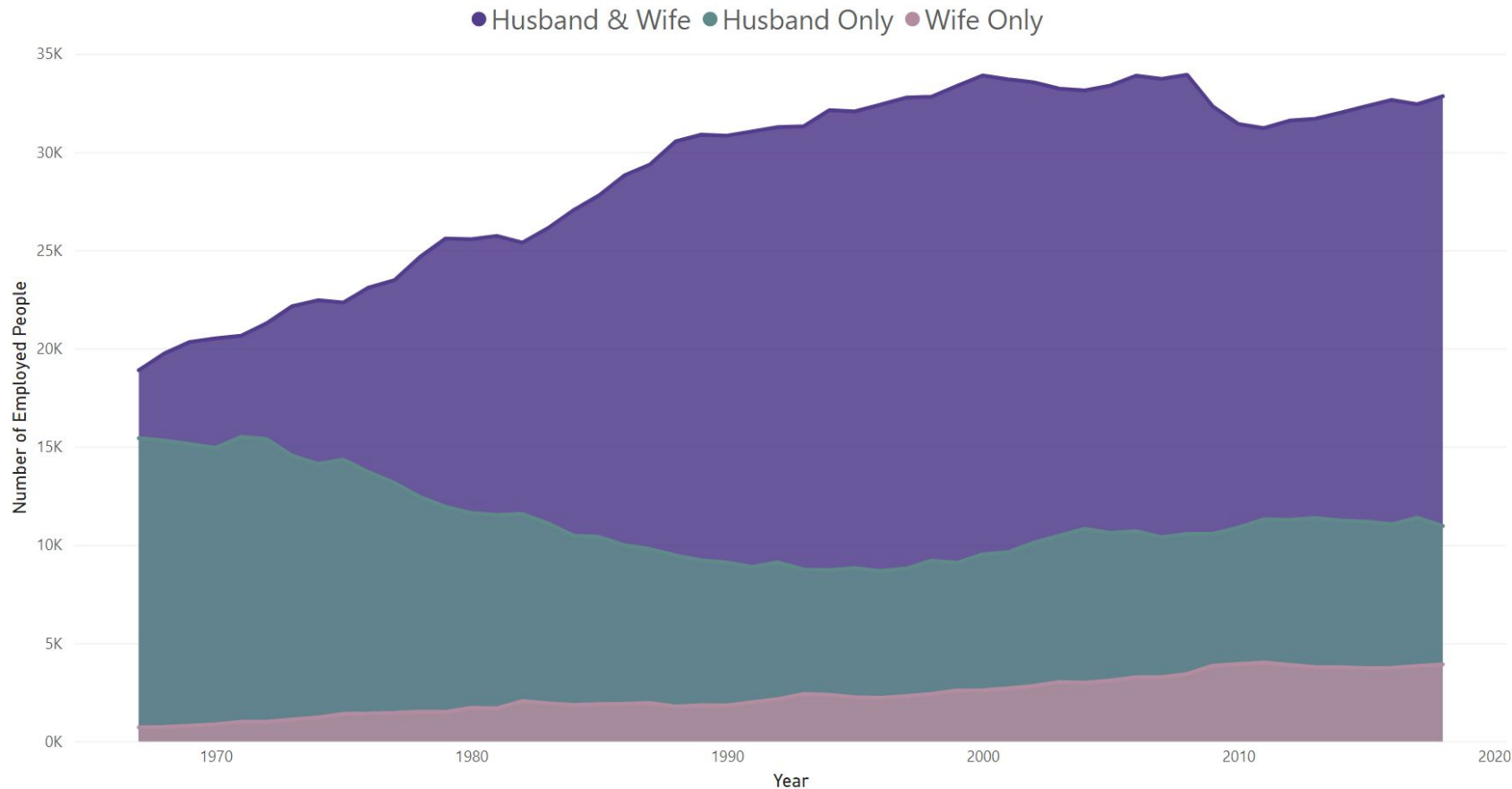
12M more households
700K less starts
3M less inventory



Women ages 25-34 see greatest increase in employment since the 1960s



Husband & Wife combined incomes make up majority of employed people



Mothers in the workforce are essential, our families depend on it

Normalize families in work environments

- Make companies family-friendly
- Offer flexible schedules
- Maternity AND paternity leaves
- Increase Part-time positions
- Make remote & hybrid positions permanent
- In-house daycares for in-office workers and/or a child-care credit included in benefits plan
- Normalize career breaks/resume gaps (they're not that big of a deal)

Thank you!

