Supporting Investment Decisions with Alternative Data

October 2022





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Your Speakers



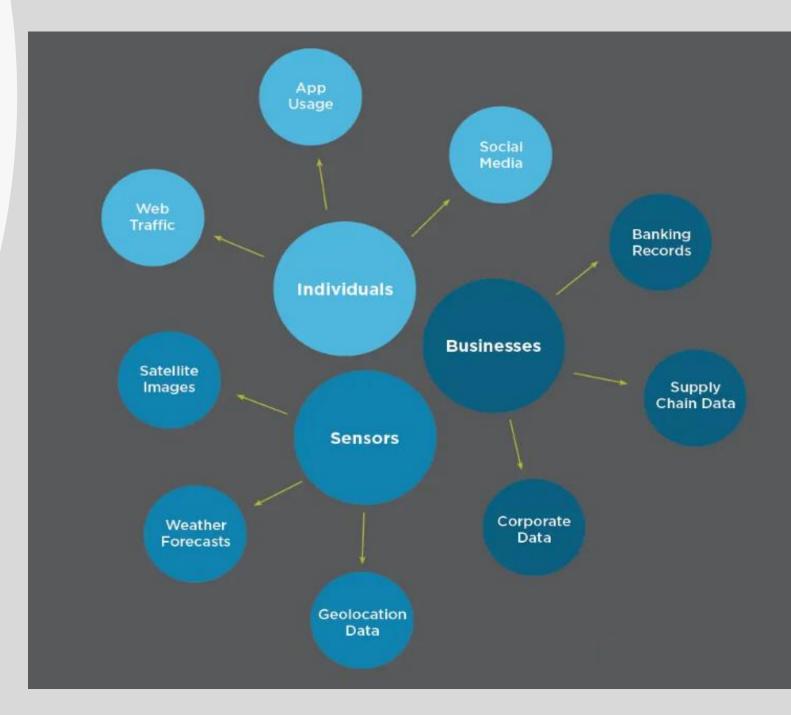
Bart Borkosky Chief Research Officer OvationMR **Kevin Iredell** Chief Marketing Officer Lowenstein Sandler



What is alternative data?

10 10

Alternative Data Sources



1990's

Alternative data usage began

Alternative Data Usage

2000's

Digitization of data

High speed data transmission and expansion of data storage capabilities

Development of analysis tools

Who Uses Alternative Data?



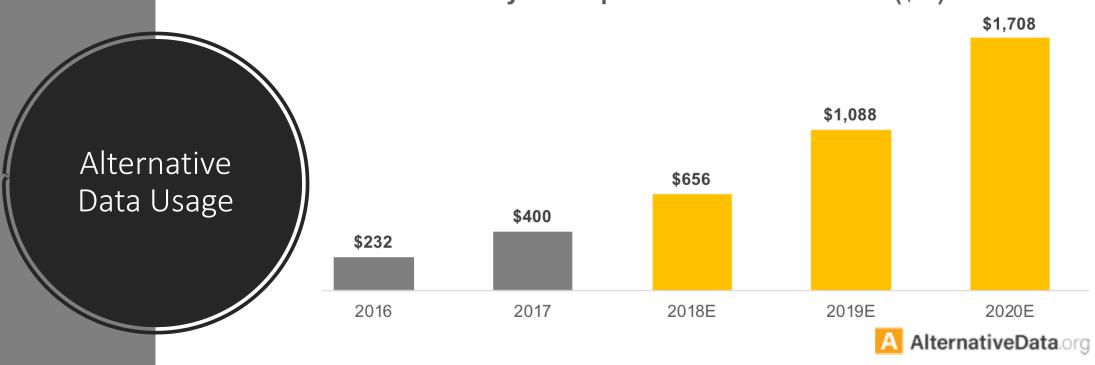


HEDGE FUNDS

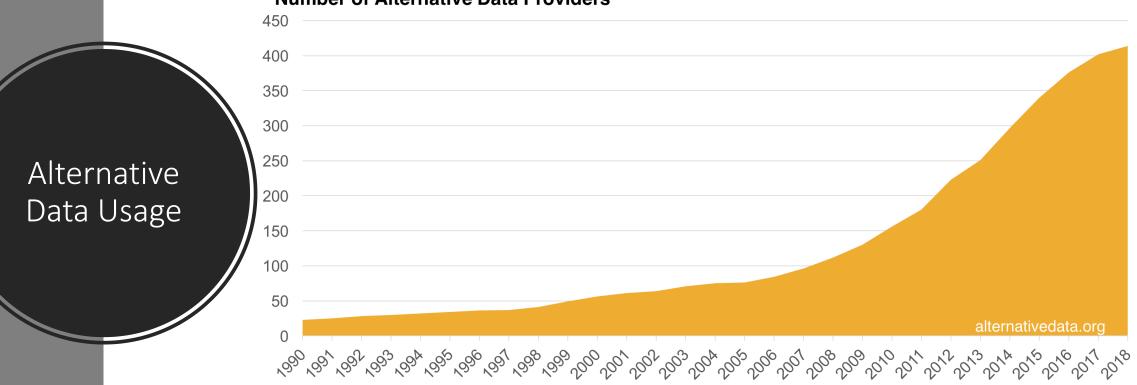
PRIVATE EQUITY



VENTURE CAPITAL **Retailers Technology Companies Market Researchers** Banks **Financial Advisors** Media Companies **Advertising Agencies Real Estate Developers Insurance Companies**



Total Buy-side Spend on Alternative Data (\$m)

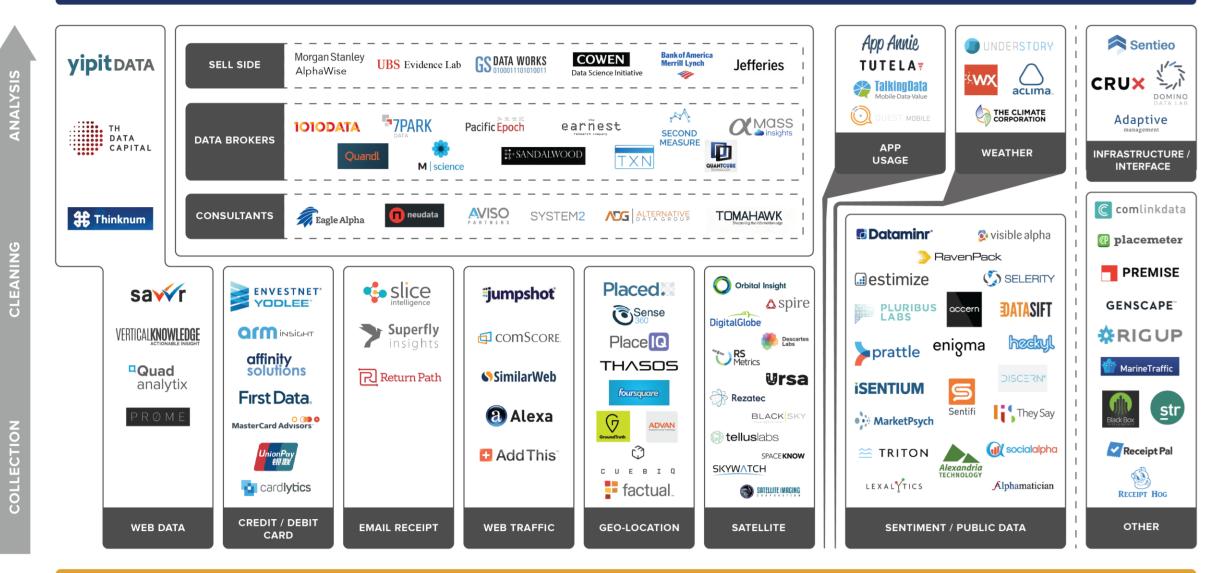


Number of Alternative Data Providers

ALTERNATIVE DATA STACK

alternativedata.org





DATA OWNERS



Lowenstein Sandler



Demand for Alternative Data is Driven by Hedge Funds

Percentage of firms using alternative data

Hedge Funds

65%

Private Equity

29%

Venture Capital

11%

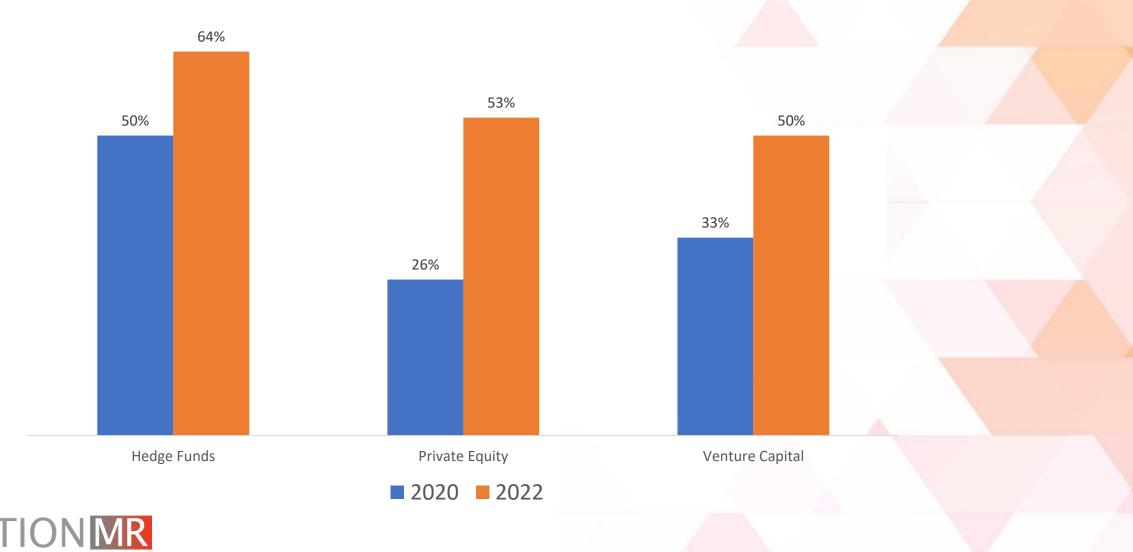
Trends in Alternative Data Utilization

81%

Investment organizations' usage of alternative data stayed the same or increased from 2020 to 2022

Alternative Data is Growing in Importance

Use of Alternative Data is <u>Significant</u> to Users



Budgets for Alternative Data are Increasing

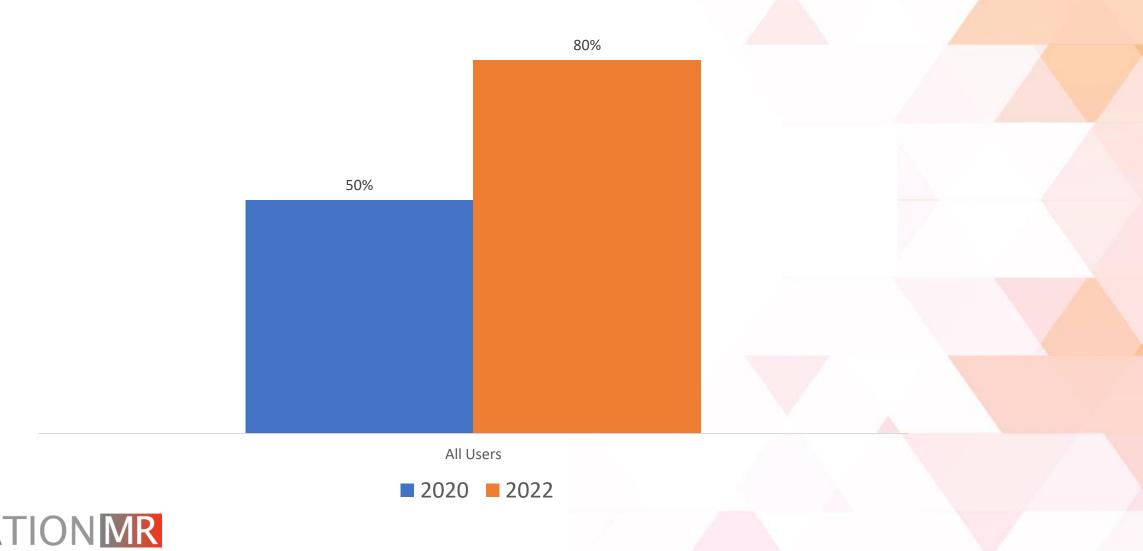
80%

Current users plan to increase 2023 budgets

Nearly half plan to spend 26% to 50% more than last year

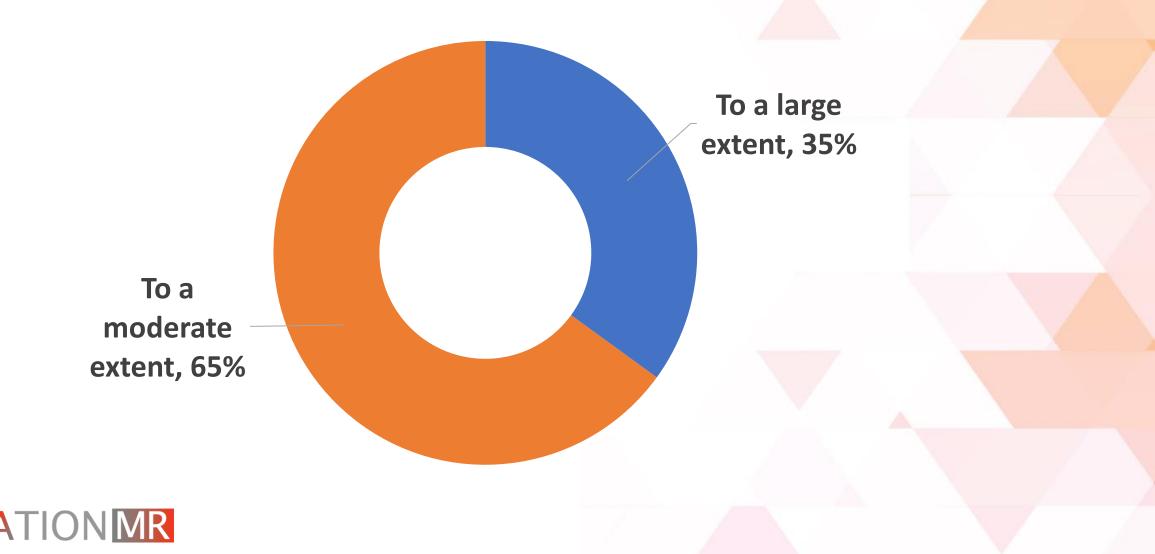
Planned Increase in Spending vs 2020

Planned Increases in Spending for Alternative Data



The Pandemic Impacted Use of Alternative Data

Increase in Usage Driven by COVID-19 Pandemic



Examples of Alternative Data Social media data Web scraping data Satellite imagery data Wearable device data Point-of-sale data

Credit card data Mobile application data Location data Dark web data Machine learning data

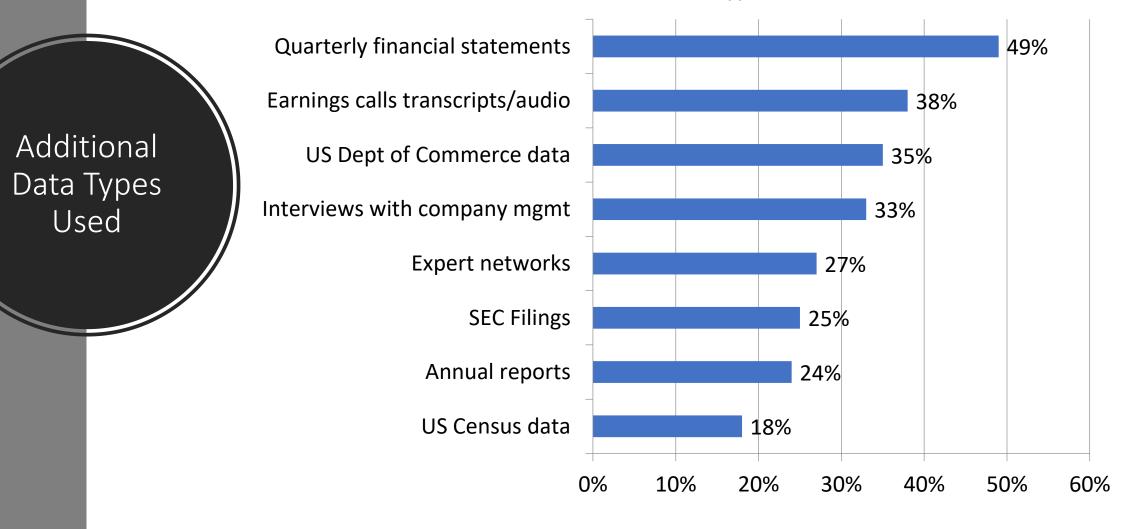
Types of Alternative Data Used

Usage By Alternative Data Type

| | | Consumer transactions | | | | 52% | | |
|---------------------------|-------|-----------------------|--|--|--|-----|--|--|
| Alternative Data Usage | | Social media | | | | 45% | | |
| | | Cloud platforms | | | | 39% | | |
| | | App usage | | | | 39% | | |
| | Usage | Internet of things | | | | 33% | | |
| | | Satellite imagery | | | | 30% | | |
| | | Geolocation data | | | | 30% | | |
| | | Scientific/Syndicated | | | | 27% | | |
| | | Biometric data | | | | 27% | | |
| | | Web scraping | | | | 27% | | |
| | | | | | | | | |

Additional Data Types Used

Additional Data Types Used



Additional Data Types Used

Additional Data Types Used



Use of Marketing Research with Other Data Types

Those Using MR Are Less Likely to Use:

- Quarterly financial statements
- Consumer transactions
- Social media

Those Using MR Are More Likely to Use:

- Geolocation data
- Satellite imagery
- Cloud platforms
- Web scraping
- US Dept Commerce
- Expert networks



Alternative Data vs Marketing Research

Working in concert, not in competition

Alternative Data has limitations



• Limited data availability

- Quality control
- Data privacy issues
- Lack of standardization
- Cost
- Regulatory compliance
 - Complexity
- Insufficient documentation

Primary Marketing Research

Has Advantages

