

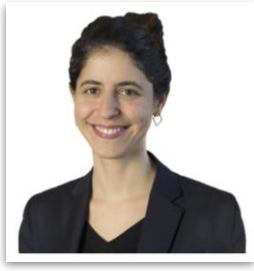
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# Monte Carlo Data Observability Platform

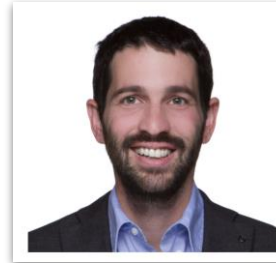
Company and product overview

# Agenda

- Who we are / what we do *15 minutes*
- Product Demonstration *20 minutes*
- Q&A *10 minutes*



**Barr Moses, CEO**  
*Former VP of Data Platform,  
Gainsight*



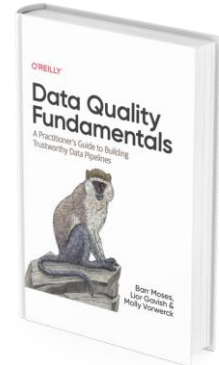
**Lior Gavish, CTO**  
*Former SVP Engineering,  
Barracuda*



**\$236m in funding by backers of the world's best enterprise companies,  
including Accel, GGV, Redpoint, ICONIQ, and IVP**



**Creator of the Data Observability category**



# Hundreds of data teams are adopting Monte Carlo as a mission critical component of their modern data stacks



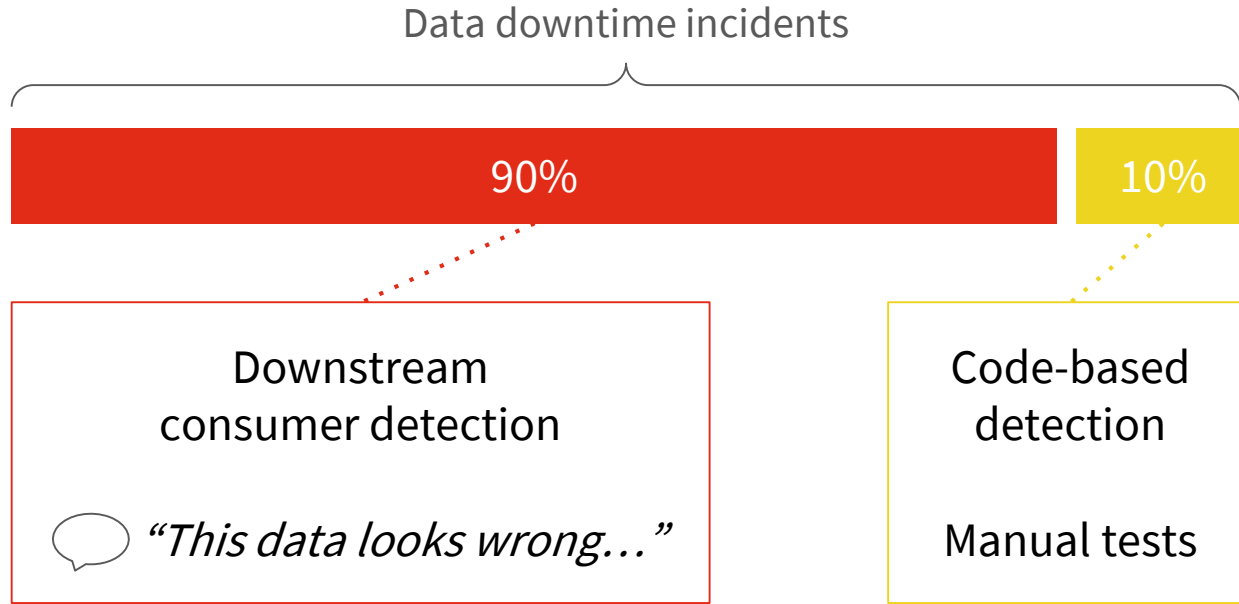
Sample business impact

choozle **96%**  
reduction in time-to-resolution (TTR)

RED|VENTURES **30-50%**  
Blinkist  
data engineering time savings

RESIDENT **90%**  
decrease in data issues

# Data quality incidents are detected **reactively** today



## The result?

Days to weeks pass before incidents are detected and resolved

# Business impact from poor data quality

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**~70**

high severity events each year  
per every 1k tables <sup>1</sup>

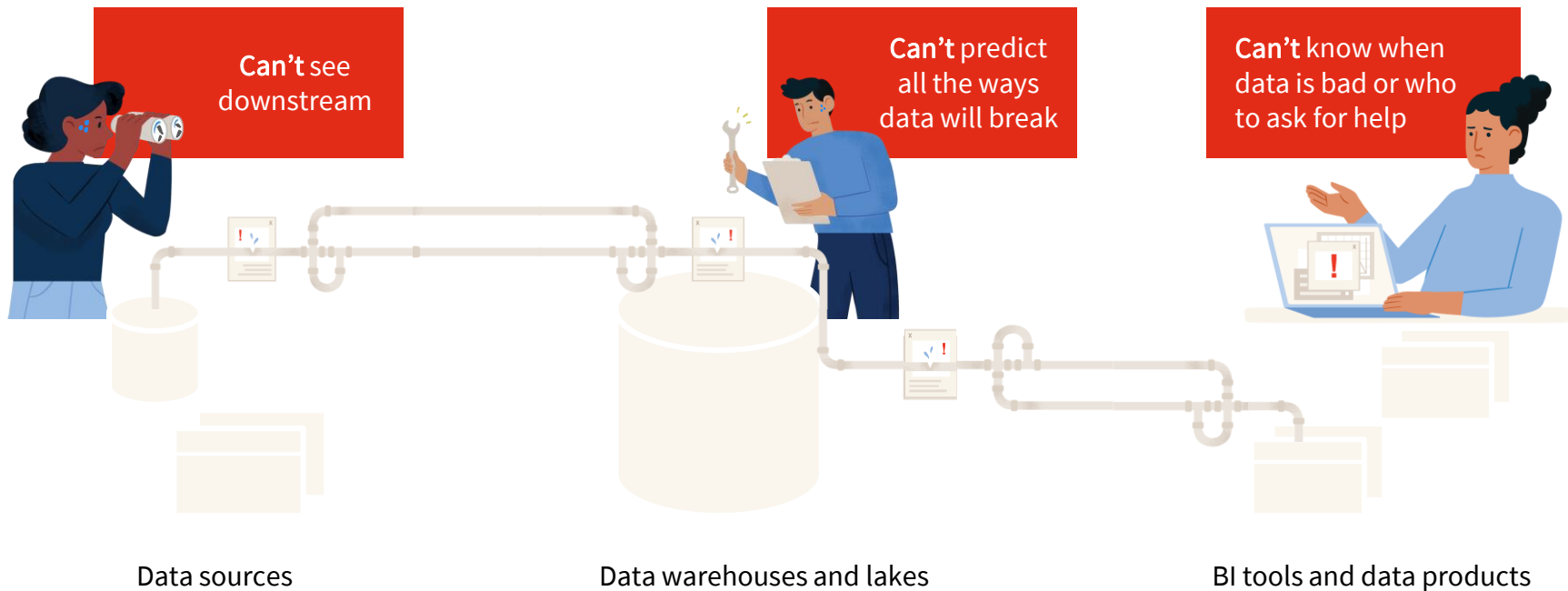
**30-50%**

data engineering time  
spent on fire drills <sup>2</sup>

**\$15M**

avg. annual financial cost for  
companies resulting from  
poor data quality <sup>3</sup>

# Detection, resolution, and schema management **workflows** are the issue



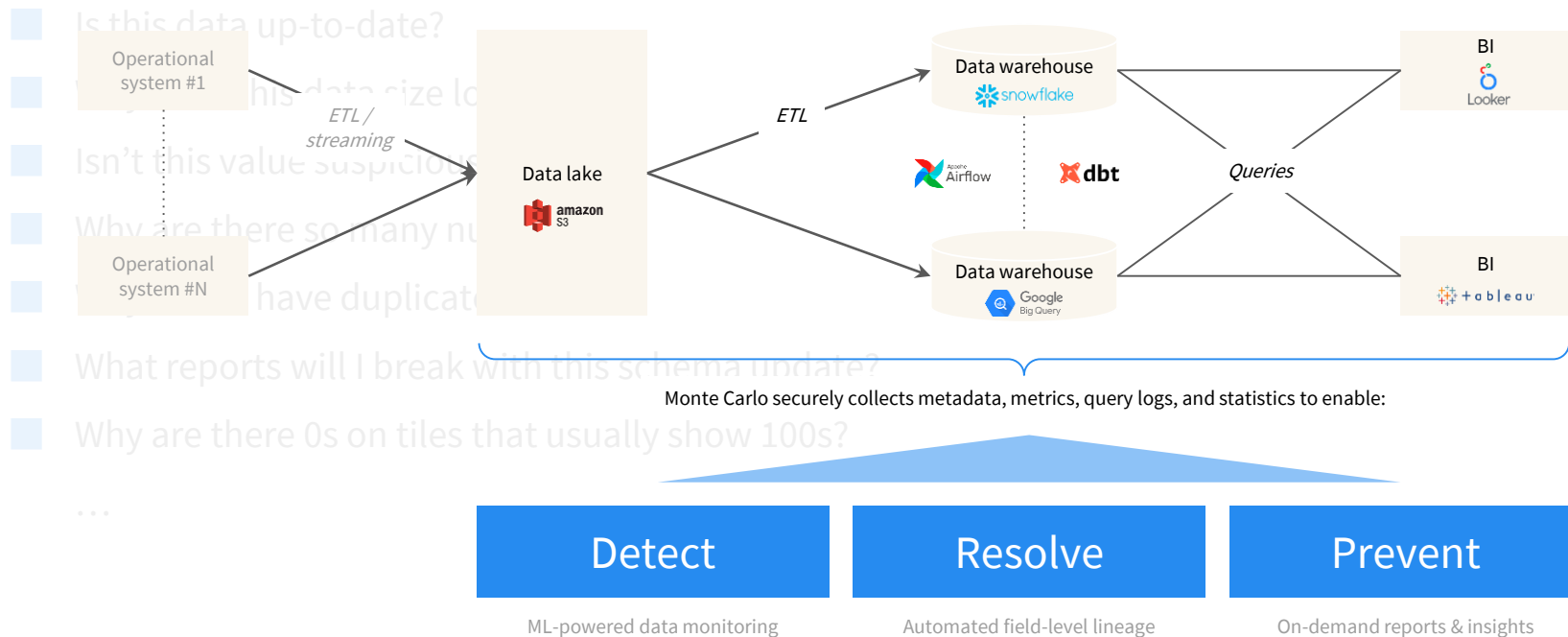
# Good news: data downtime **looks similar** at all companies

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- Is this data up-to-date?
- Why does this data size look off?
- Isn't this value suspiciously high?
- Why are there so many nulls?
- Why do we have duplicate IDs?
- What reports will I break with this schema update?
- Why are there 0s on tiles that usually show 100s?
- ...

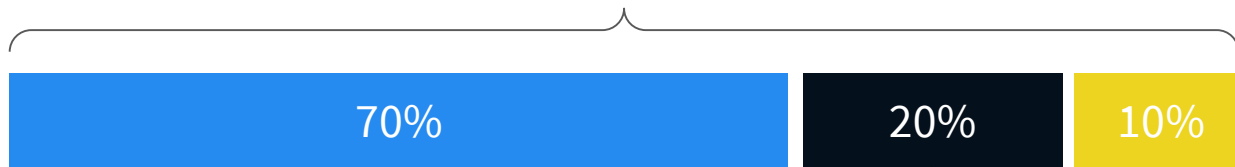


# A complete data observability platform enables your team to **detect, resolve, and prevent** bad data altogether



# Monte Carlo ML provides coverage across all data tables out of the box, **no effort**

## Data downtime incidents



Automatic coverage on all tables

### Fully automated ML-powered detection

- Freshness
- Volume
- Schema

Opt-in monitors per table

### Key Asset ML-powered detection

- Field health  
(% null, % unique, etc)
- Dimension tracking
- JSON schema

Manual monitors

### Rule-based detection

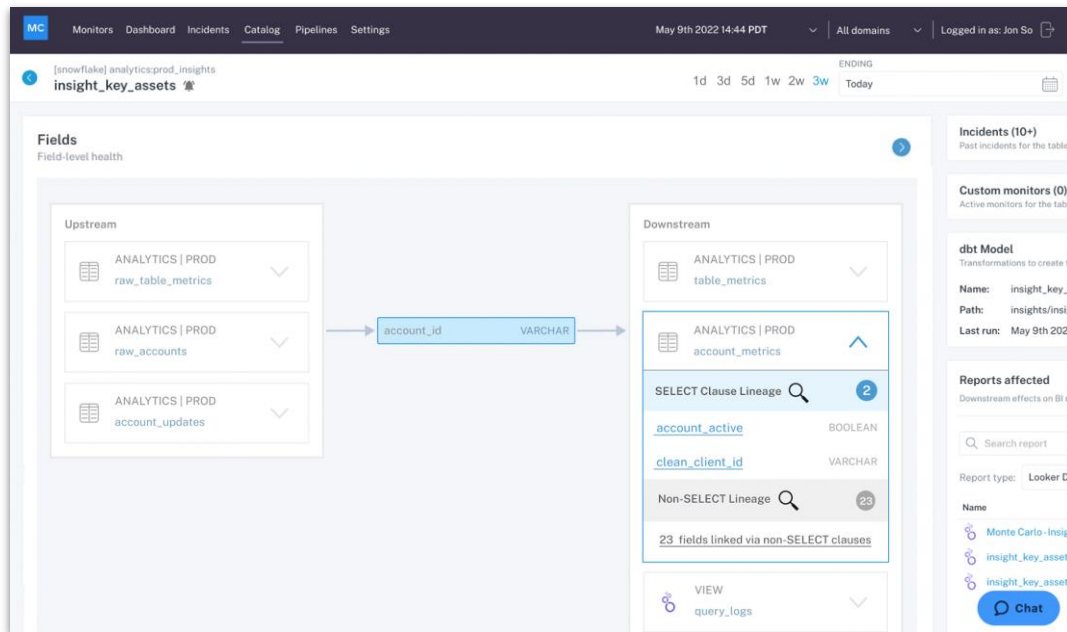
- SQL Rules
- Custom SLIs

## Targeted alerts



# Triage, find root cause, and manage incident workflows all in one platform

## Automated field-level lineage



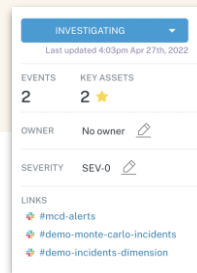
## Triage incidents



## Find root cause



## Manage workflows



# With good data, comes greater trust and adoption



1 Data engineering productivity

Sample results

**30-50%** time saved from data incident fire drills <sup>1</sup>

2 Reduced data downtime

**~90%** reduction in data issues <sup>1</sup>

3 Data uptime for customer-facing products

**~90%** reduction in product data downtime <sup>1</sup>

4 More value from data platform investments

Reduction in storage/compute costs  
Higher data reliability during schema changes & database migrations

5 Data adoption across teams

Self-serve data reliability  
Greater data trust