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How to Operationalize Machine Learning

“If your competitors are applying AI, and they’re finding insight that allow them to accelerate, they’re going to peel away really, really quickly.”

CTO for data science and AI at IBM

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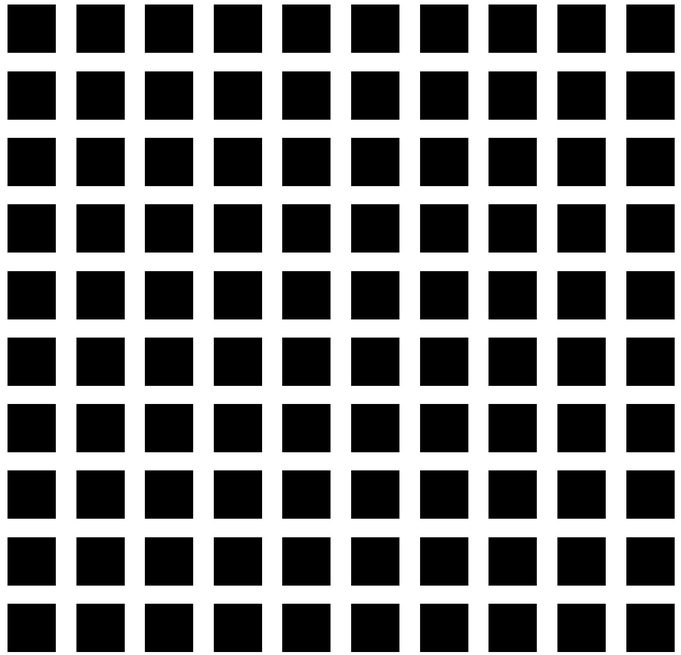
But applying AI in production is challenging.

Out of 100 Machine Learning Projects



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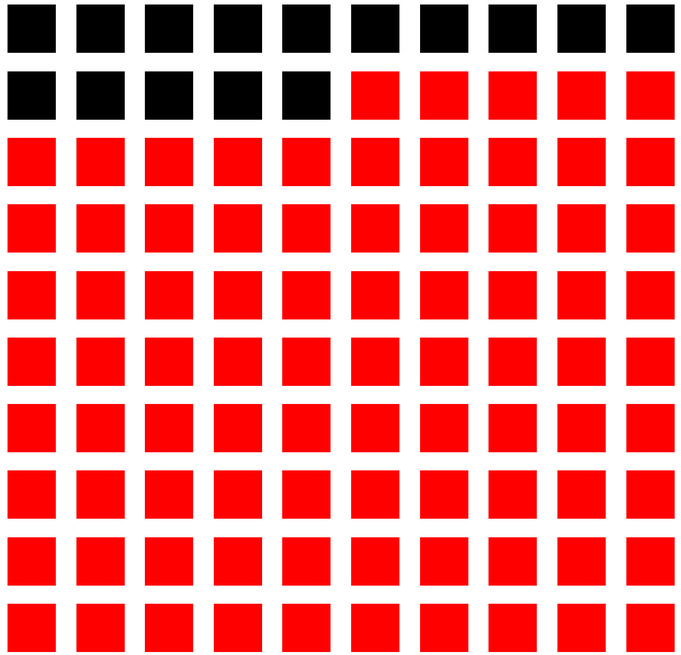
Out of 100 Machine Learning Projects



85 projects fail.

Gartner

Source: *https://www.datanami.com/2020/10/01/most-data-science-projects-fail-but-yours-doesnt-have-to*

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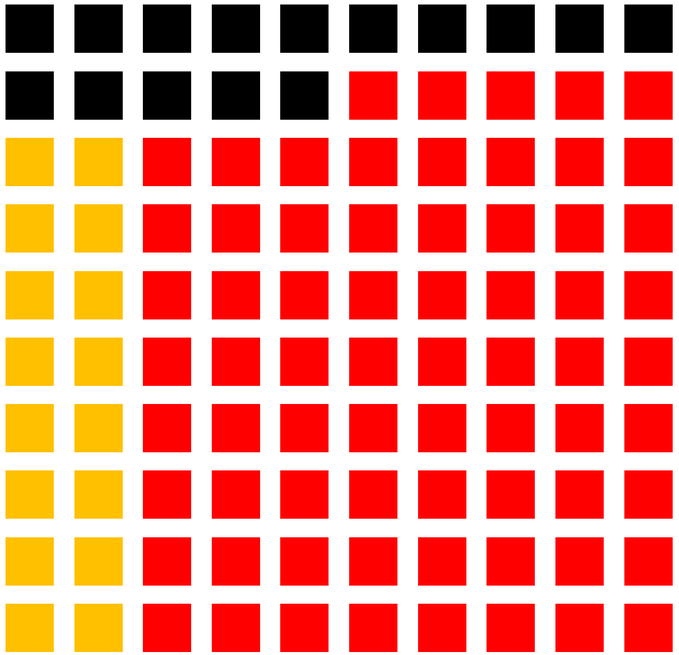
Out of 100 Machine Learning Projects



many fail because companies lack data infrastructure.

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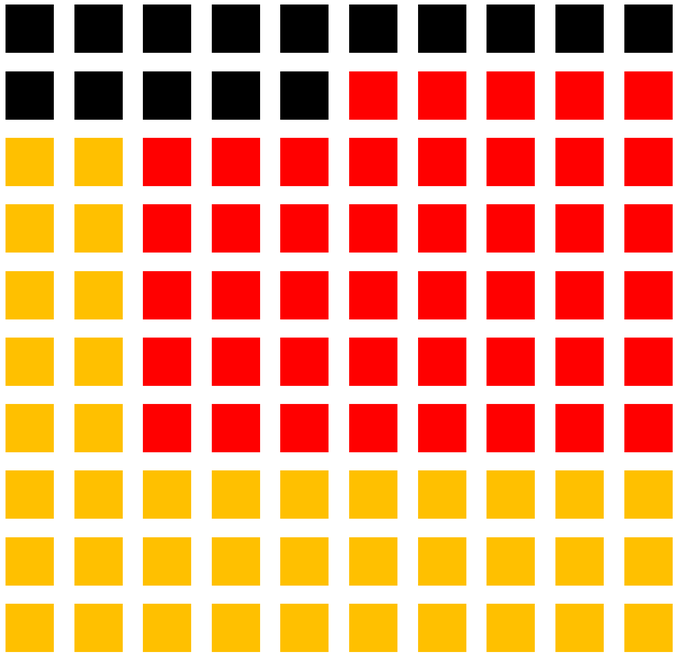
Out of 100 Machine Learning Projects



or they fail from skill shortages.

LinkedIn reported that there was a shortage of more than 150,000 individuals with data science skills.

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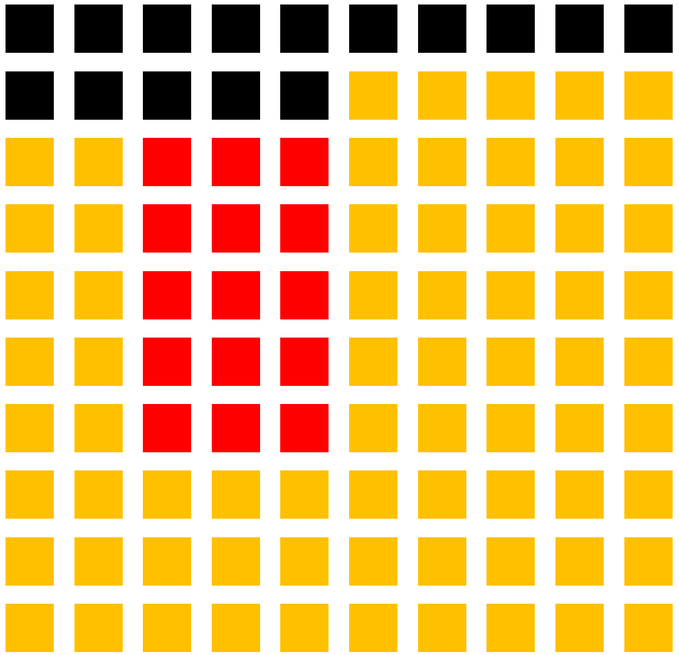
Out of 100 Machine Learning Projects



or lack of transparency and common goals.

Data scientists measure model accuracy and business leaders need meaningful insight.

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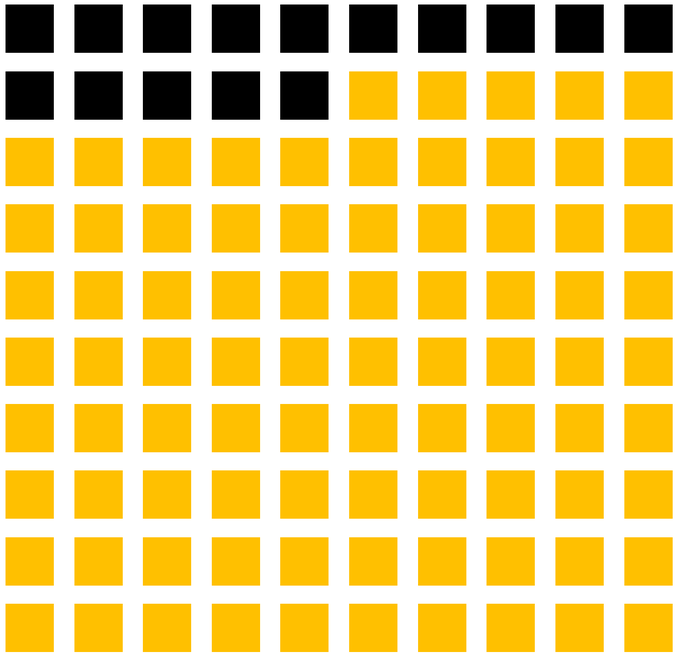
Out of 100 Machine Learning Projects



the rest fail from lack of operational process on how to use in production.

Data scientists measure model accuracy and business leaders need meaningful insight.

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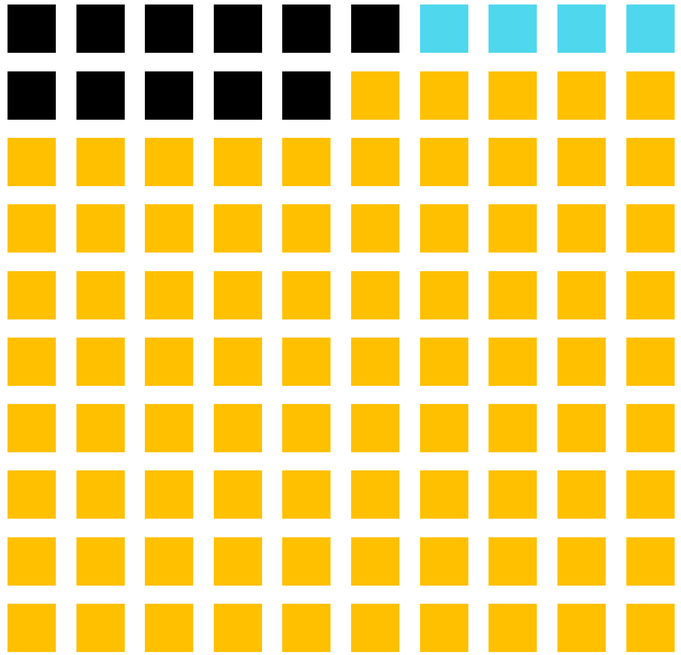
Out of 100 Machine Learning Projects



Only 4 have deployed models to production.

Dimensional Research

Source: https://www.datanami.com/2020/10/01/most-data-science-projects-fail-but-yours-doesnt-have-to

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There has to be a better path
to deploy AI.
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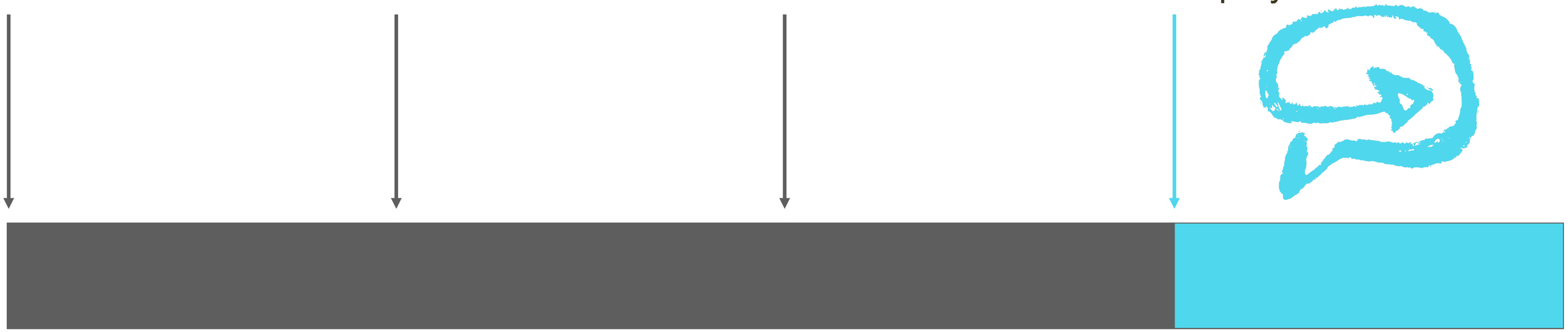
The ML “Last Mile”

Business problem needs complex computations above and beyond human capacity.

Data scientists develop, tune, and train ML models.

Entering data into the model is manual and tedious. Business users can’t interact or have dirty data.

Krista democratizes data entry, operationalizes ML to increase ROI and removes “Last Mile” deployment issues.



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Krista democratizes machine learning

Which private companies are ripe for acquisition or transition?

Which ones are the most valuable based on the data so we can prioritize?

What should this company be priced so the owner gets the best return?

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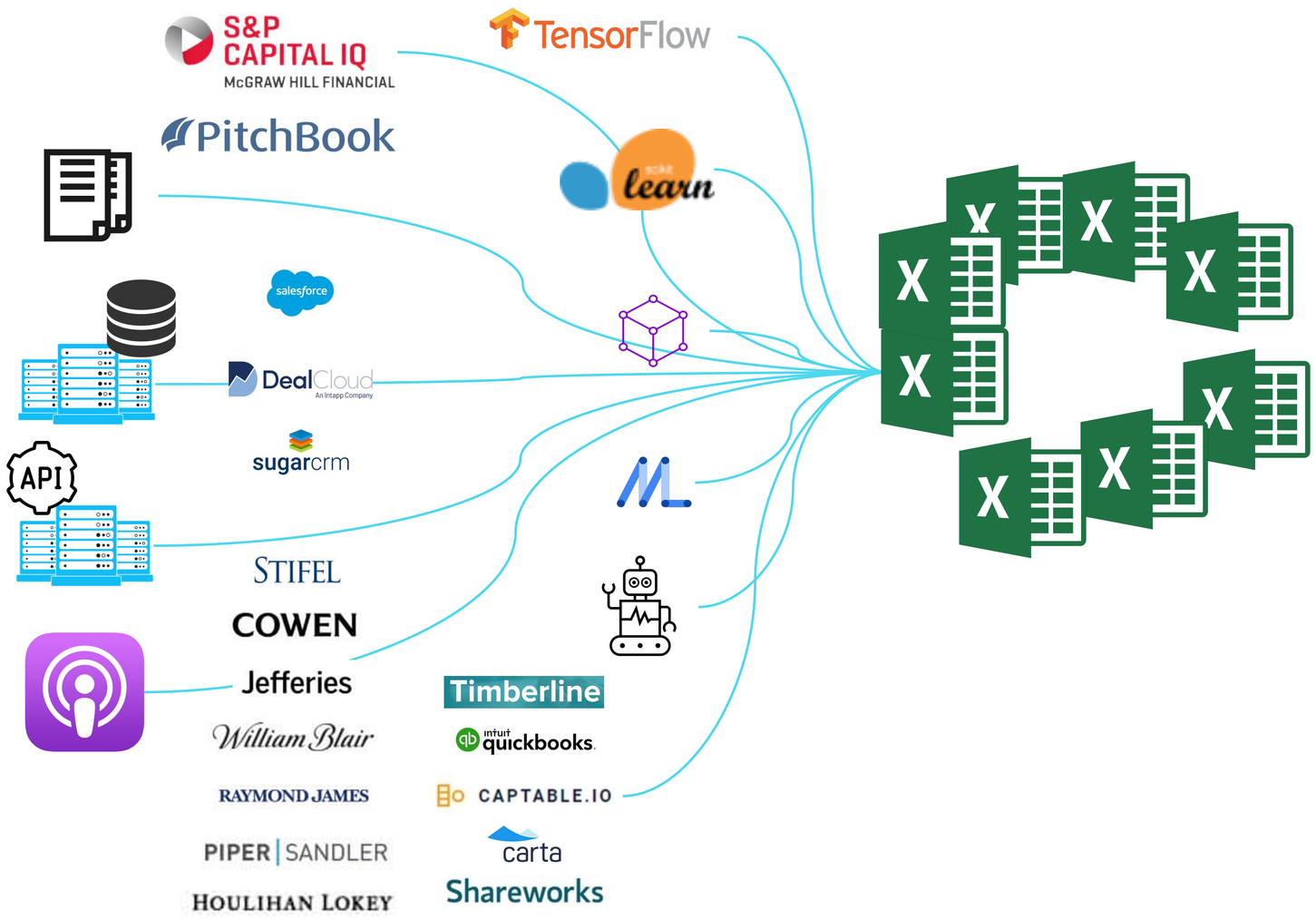

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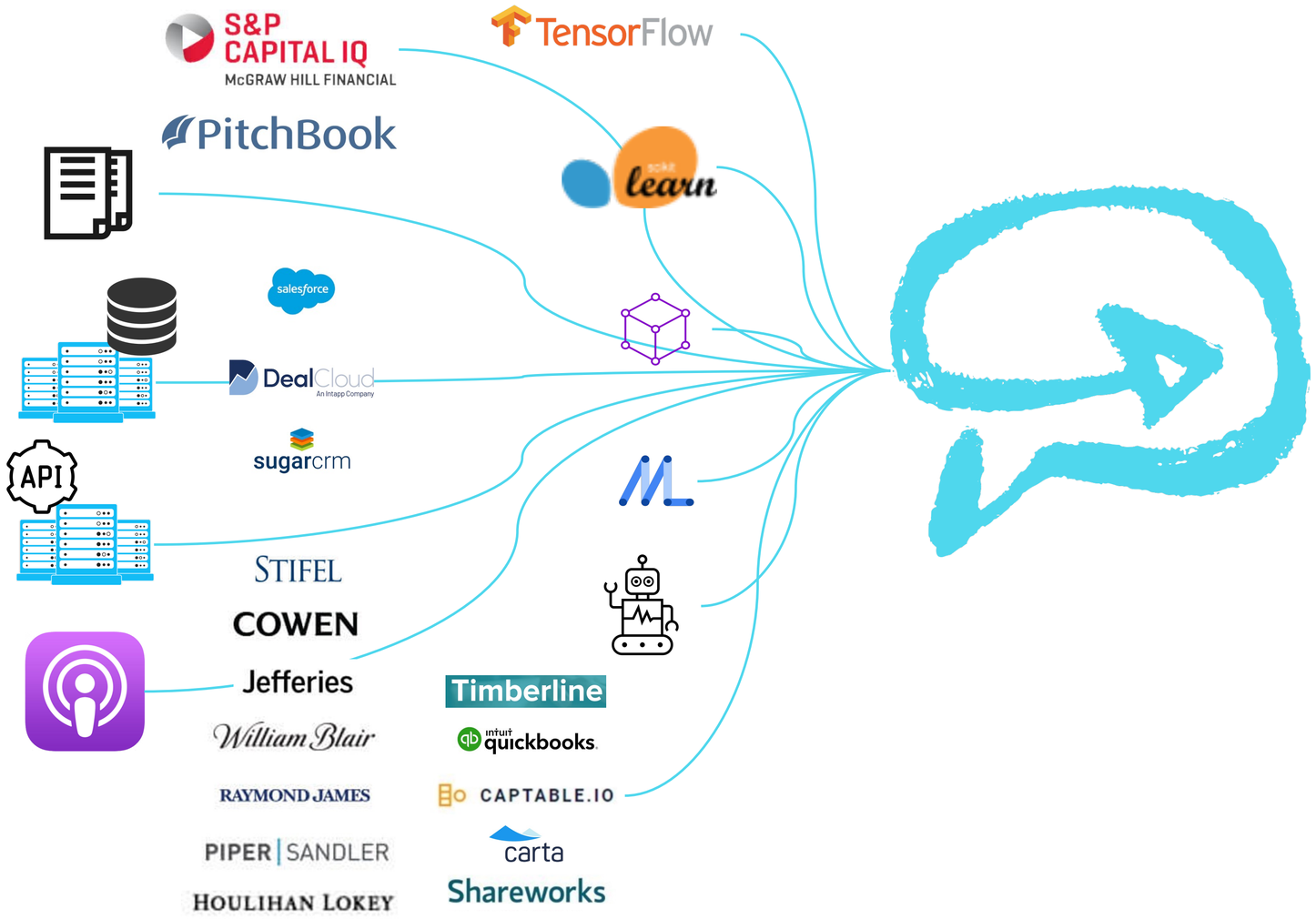

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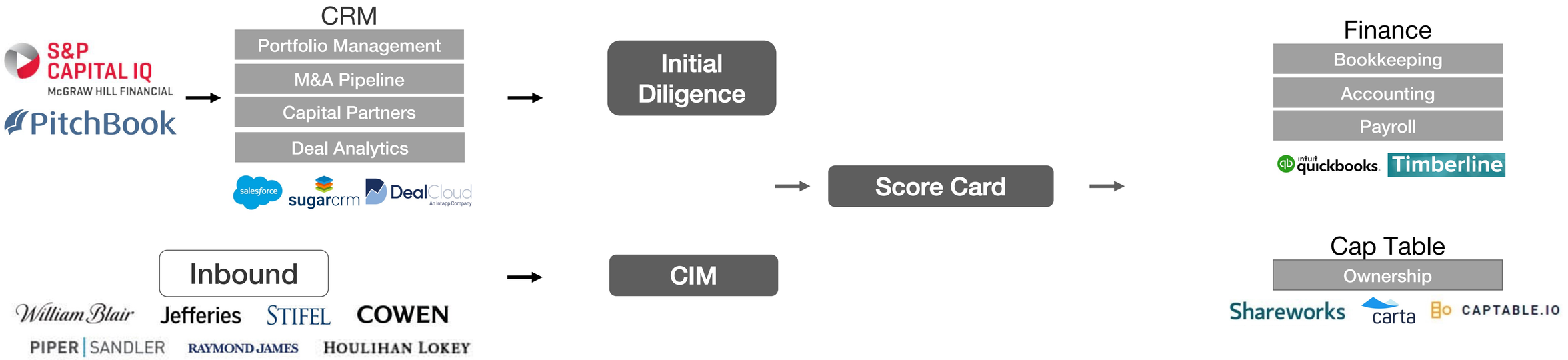
Elegant Integration of People, Systems, and AI



Web NLP

- Financing History
- What is the Revenue
- NAICS
- Who is the CEO
- Mutual Connections

Company Website

CIM NLP

- Who is the CEO
- What is the EBITDA
- Name of the Business
- State of Registration
- Mutual Connections

Score Card

- Deal Quality
- Deal Size

Future Revenue

- Deal Quality
- Deal Size
- Deal Stage
- Deal Closing Date

Future Cashflow

- Expenses
- Taxes
- Deprecation
- Amortization

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“Krista enables us scale, find the right opportunities, and increase and maintain higher margins.”

Billy Birdzell
Managing Director, Horatius Group

HORATIUS GROUP

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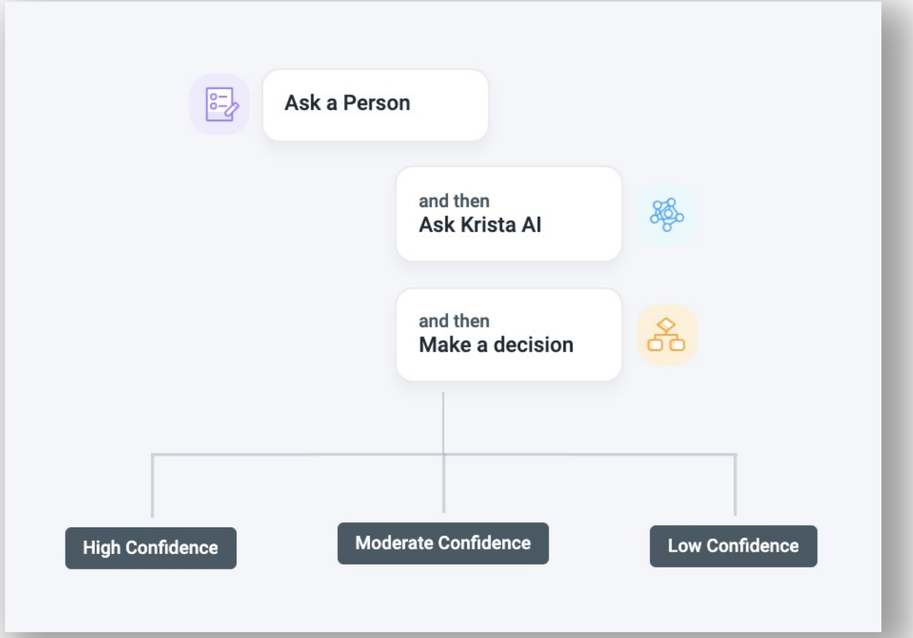
Krista builds trust

Krista enables decision steps inside of automations. Just “Ask a Person” to “Make a Decision” based on the AI outcome. Over time you can deploy full autonomy or keep the decision step.



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Want ML delivering value in production? "Ask Krista"

1. Krista's unique integration model extracts business logic and AI making it easier and simpler to connect to disparate data sources.

2. Krista is a no-code-like experience and democratizes technology to remove skillset barriers.

3. Krista helps operationalize ML projects by supplying a conversational interface that is easy for business leaders to understand and interact with.

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Krista Software is in an unrelenting pursuit to help businesses find the right answers. Krista Software produces Krista, a modern Intelligent Automation platform. Krista empowers businesses to leverage existing IT assets by building low-cost automation applications.

Web: KristaSoft.com Twitter: @KristaSoft LinkedIn: /Krista-Software