

>polyture.

Intuitive data science for anyone

Data Science is like Building a House

- Each data analysis case is **highly unique**.
- High **time and effort** investment per case.
- Must hire a **construction crew** of data scientist and data engineer.



Days to weeks to test ideas — most are **scrapped**.

- Imagine knocking down every other house ever built.

A Story of Photoshop

Before Photoshop

- Digital photos were edited with **code**.
- Each case is **highly unique**.
- High **time and effort** investment per case.
- Must hire a **studio** with access to **mainframes**.

A Story of Photoshop

Invention of Photoshop

“

I've been working with Photoshop since the very beginning — I remember when John Knoll pitched it to Adobe founders John Warnock and Chuck Geschke. He showed us capabilities I'd only ever seen in \$100,000 mainframes.

”

— Russel Brown, Sr. Creative Director at Adobe

A Story of Photoshop

with Photoshop

- Ability to **touch** the photo.
- High level tools such as **spot heal, brushes**, etc.
- Ability to **redo, undo** and generally **test many ideas**.
- **Anyone** could edit photos



Now at the core of modeling, advertising, freelance industries

Identifying Pain Points

A

Days to weeks
to test various
implementations.

B

Hypothesis must
come first → prohibits
discovery.

C

Difficult to scale from
small datasets to
Cloud-Scale.

D

Lack of version
control to save work
and revert.

A Photoshop for Data

with Polyture Platform

A

Intuitive UI / UX
designed for rapid
experimentation.

B

Provide data
feedback with
every step.

C

Built-in distributed
cloud-scale execution.

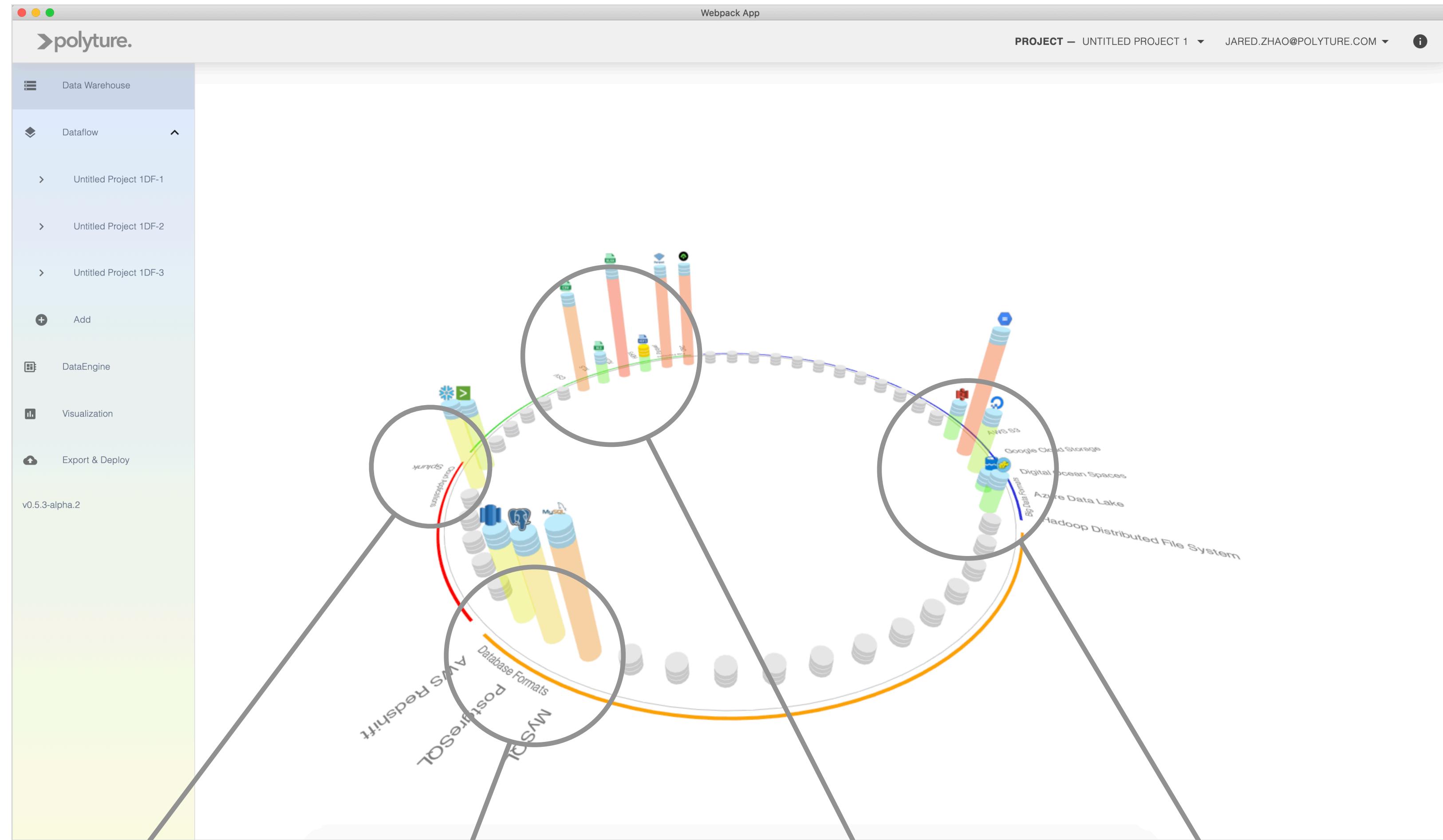
D

Version Control
designed for data
science workloads

1 Import from any source



1 Import from any source



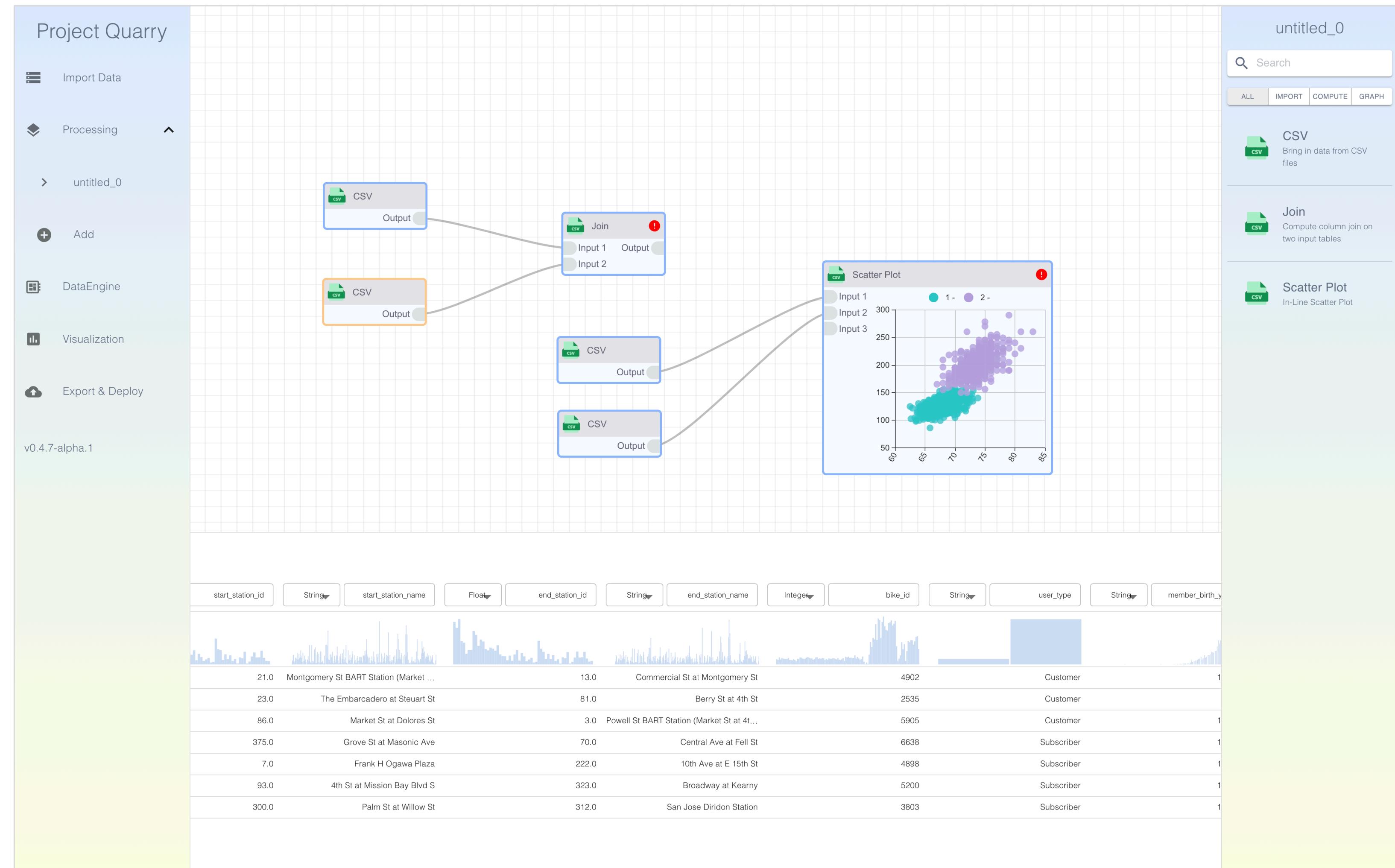
Cloud Applications

Databases Formats

File Formats

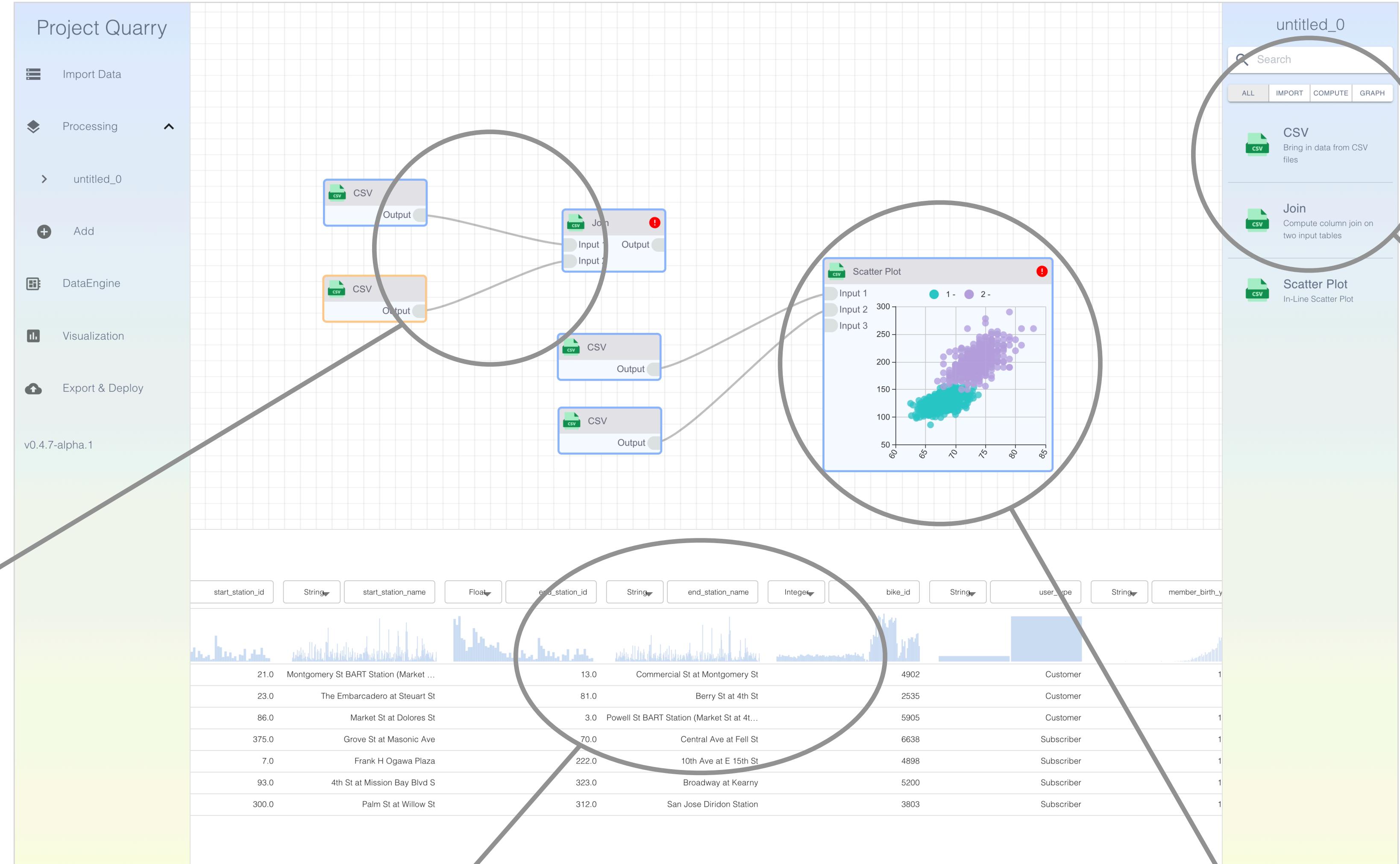
Big Data Stores

2 Graphical Data Analysis



2 Graphical Data Analysis

User productivity-focused design

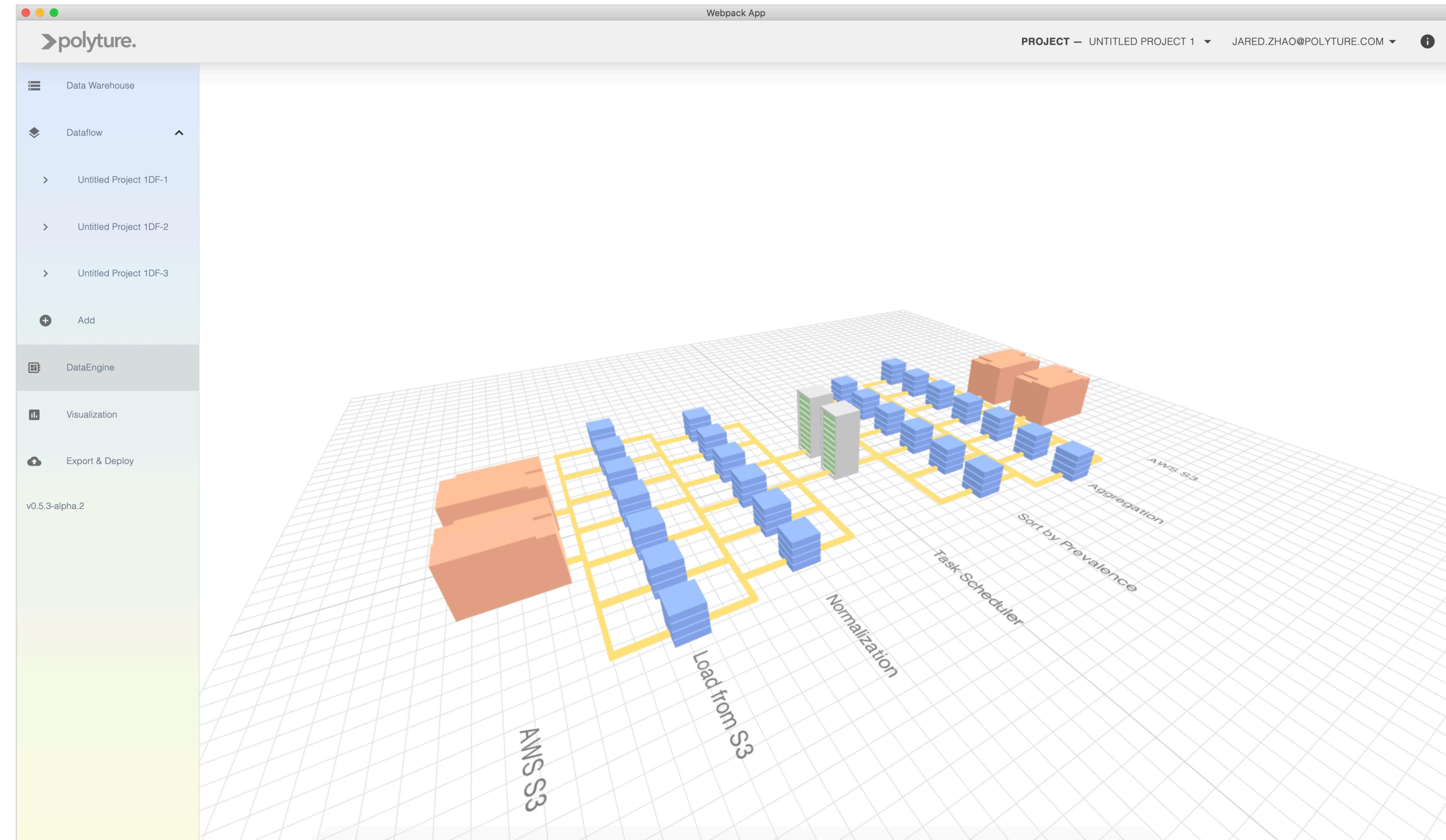


Generated relevant
metadata

Interactive graphs to
understand mid-analysis data

Highly compatible
Functions

3 Automated Cloud-Scaling



3 Automated Cloud-Scaling



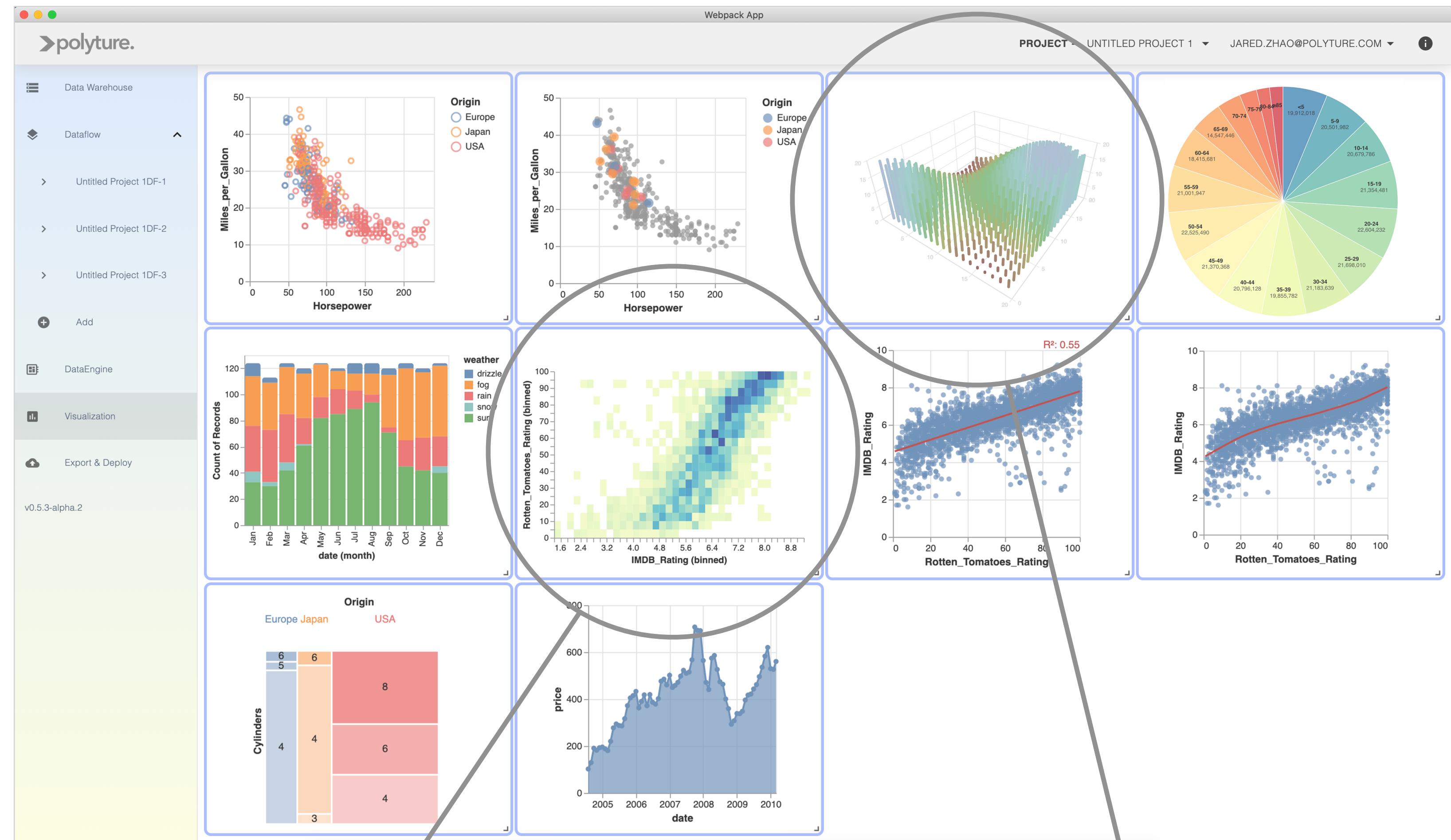
Automatic scale-up to
distributed cloud resources

Graphical representation of cloud
resources help identify bottlenecks

4 Visualization and Export



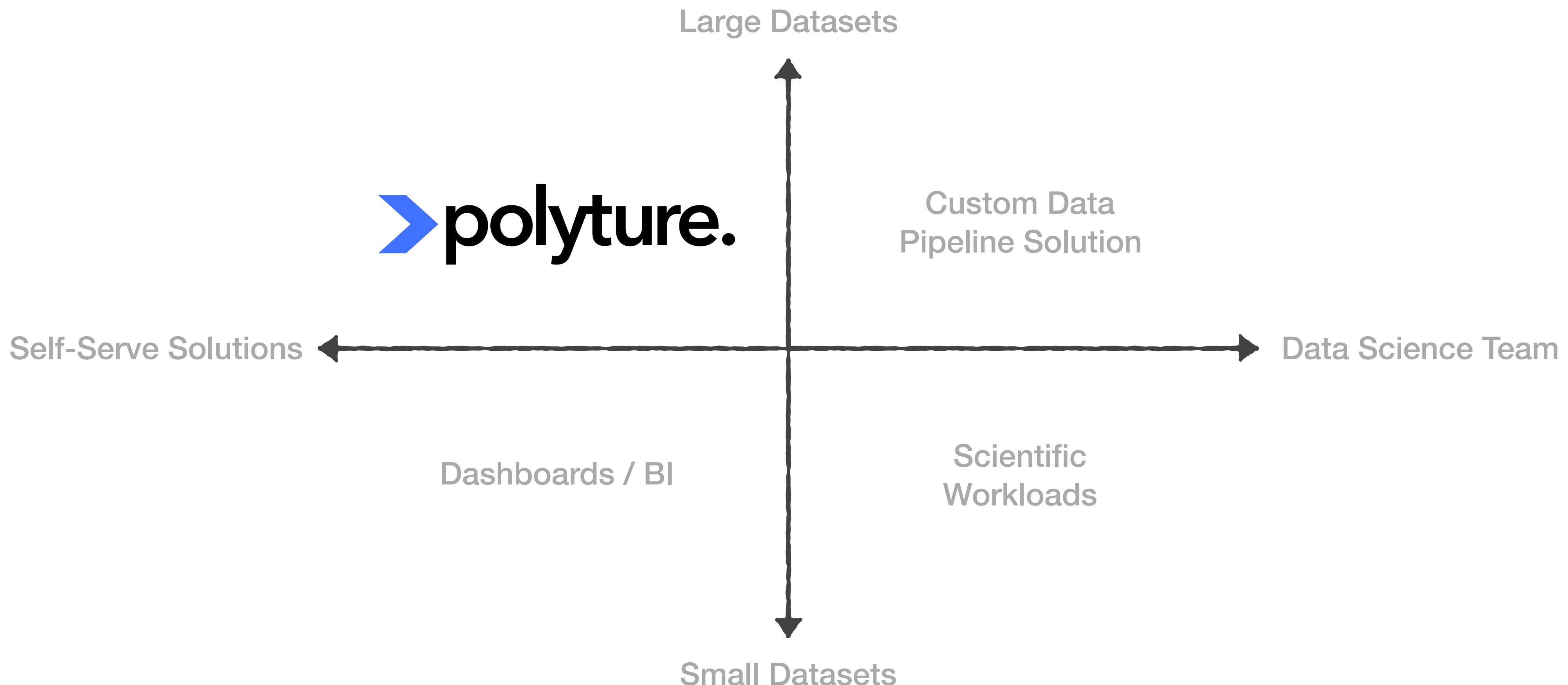
4 Visualization and Export



Graph directly in Polyture with visualizations optimized for large datasets

Polyture supports 3-Dimensional graphs generated using GPU

Market Analysis



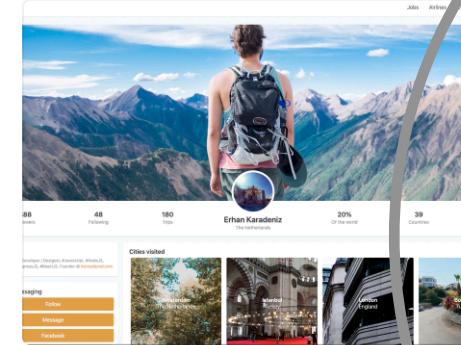
Trending on BetaList

FRONTPAGE REGIONS MARKETS NEWSLETTER MAKER COMMUNITY STARTUP JOBS ...

SEARCH SUBMIT STARTUP POST A JOB



Trending Startups



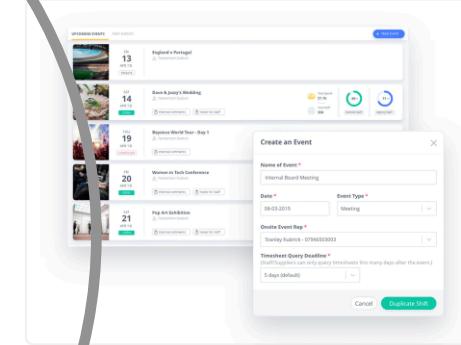
Nomadbond
Community for digital nomads, startups and remote workers

4 ❤️ 5 💬



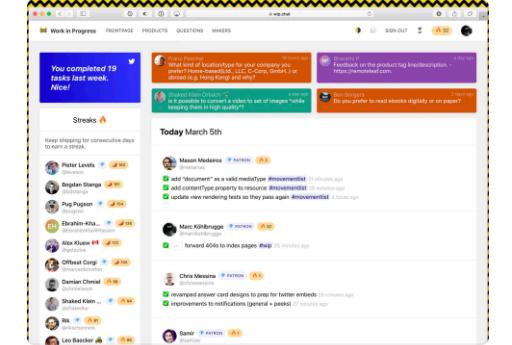
Polyture
Enabling intuitive data science for anyone

2 ❤️ 2 💬



Gameplan
Workforce Management Software

1 ❤️ 1 💬



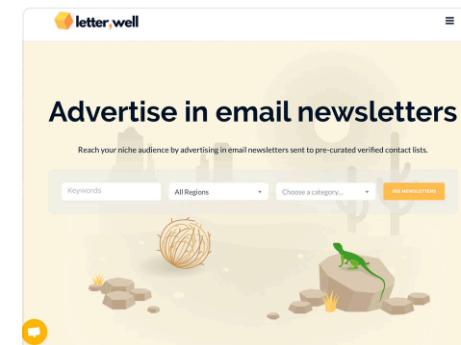
Work in Progress
A community of makers shipping together 🚧

Promoted

 Stay ahead of the curve
Receive a daily digest of the newest startups. One-click unsubscribe.

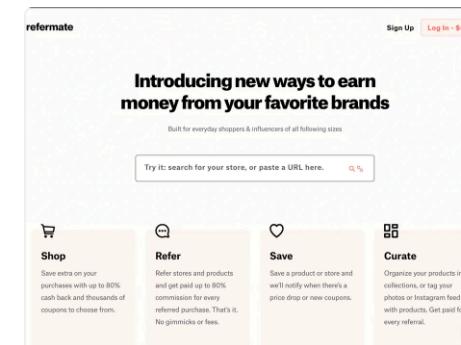
Your email GO GO GO

Today January 3rd



LetterWell
Buy and sell ad space in email newsletters

2 ❤️ 1 💬



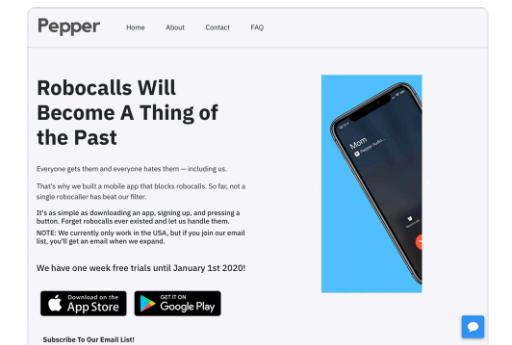
Refermate
Shop and refer your favorite brands and get paid

1 ❤️ 1 💬



TweetFull
Twitter Growth-Hacking Automation Tool

1 ❤️ 1 💬



Pepper
Blocks robocalls from ever buzzing your phone

1 ❤️ 1 💬

BetaList Results – 3 days

Organic (advertising free) Sign-Ups

65

Signed up for Closed
Beta in 3 days.

1

CEO of Dentsu
Aegis Network
Programmatic - €1.1B
Revenue

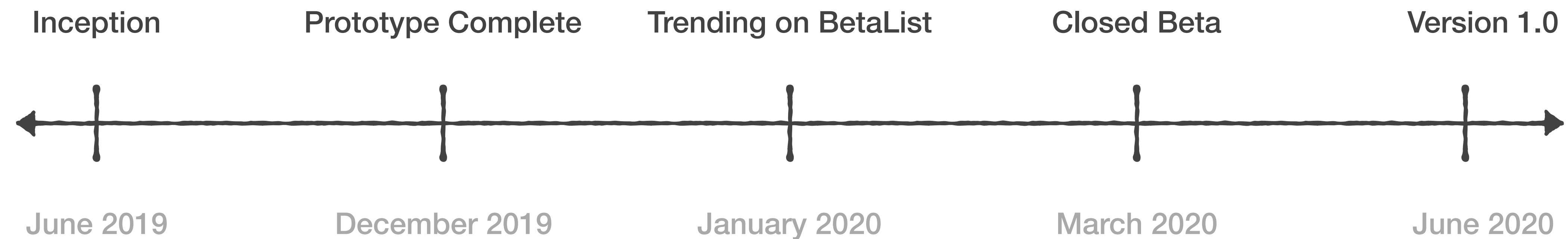
3

PhDs in
Computational
Science, Statistics &
Analytics

25

Brand and Marketing
specialists looking for
analysis platform

What's Next



Polyture is Online



First Hire



Market Analysis

3M

The Huffington Post estimates that there are currently ~3M Data Scientists

29.9%

Demand for Data Scientists grows at a whopping 29.9% annually

14%

Job Searches by Data Scientists grows at a measly 14% annually

Market Analysis

151K

LinkedIn reported a shortage of 151,717 Data Scientists in August 2018

120K

Average salaries of Data Scientists according to the Bureau of Labor Statistics

\$128.2B

Data Science Platform market is projected to reach \$128.2B by 2022 with a CAGR of 36.5%

[2] <https://searchbusinessanalytics.techtarget.com/feature/Demand-for-data-scientists-is-booming-and-will-increase>

[3] <https://www.reuters.com/brandfeatures/venture-capital/article?id=5670>

In Summary

 polytue.

1. Is an interactive data science platform that reimagines how we answer questions through data.
2. Enables users without programming experience or background in statistics and machine learning to expertly answer data questions.
3. Increase the productivity of even the most seasoned data scientists.

About

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Founder



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- Research at RISELab
- Primary author of Nuclear Science research
 - UC Berkeley Nuclear Engineering Dept.
- Data Science Expert
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