

Wednesday 30-Minute Webinar Series

How Rittman Analytics Automates dbt, Looker and Cube.dev Project Delivery

📅 Weds 14th June 4pm UK / 11am ET / 8am PT

presented by Lewis Baker
Chief Operations Officer, Rittman Analytics



INTRODUCTION

Welcome to the 30 Minute Webinar Series

- Bite size insights for the modern data stack
- Rittman Analytics team sharing tips, tricks and insights
- Every two weeks on Wednesdays, 4pm UK time
- 20 minute hands-on presentation + 5 mins for Q&A
- Next 30 minute webinar on 28th June 2023
“How Rittman Analytics builds Modern Data Stacks using Cube, Preset and Dagster”

A promotional graphic for a webinar. On the left, a photograph shows two men sitting on a stage; one is wearing a dark blue shirt and the other a dark blue t-shirt. The background of the photo is a blurred outdoor setting with a clapperboard. The right side of the graphic has a solid blue background with white text. At the top right is the 'rittman analytics' logo. Below it, a white pill-shaped button contains the text 'Wednesday 30-Minute Webinar Series'. The main title of the webinar is 'How Rittman Analytics Builds Modern Data Stacks using Cube, Preset and Dagster'. Below the title, a calendar icon is followed by the date and time: 'Weds 28th June 4pm UK / 11am ET / 8am PT'. A white pill-shaped button with the text 'Register Now' is positioned below the date. At the bottom right, the text 'presented by Amir Jaber' is above 'Senior Analytics Consultant, Rittman Analytics', which is next to a small circular portrait of Amir Jaber.

rittman
analytics

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How Rittman Analytics Builds
Modern Data Stacks using
Cube, Preset and Dagster

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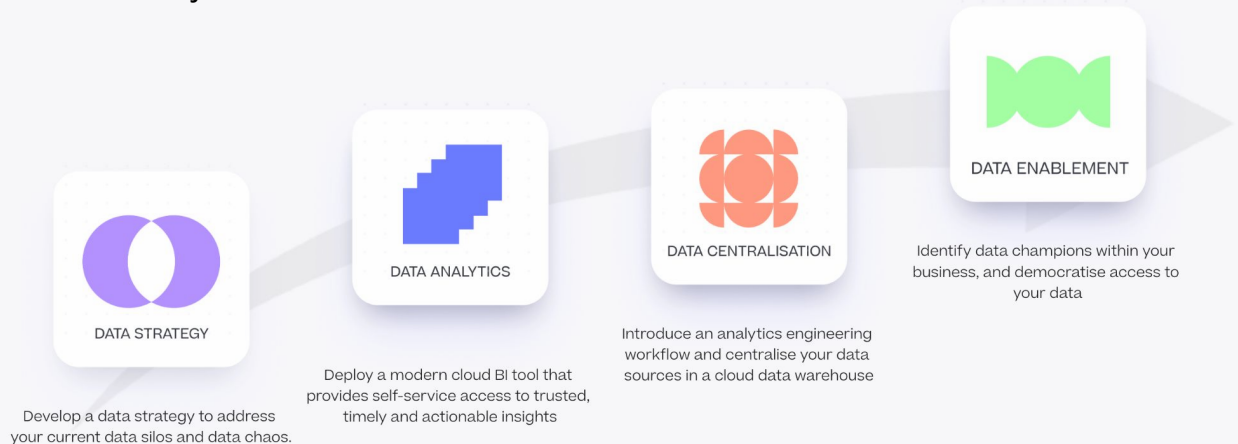
Register Now

presented by Amir Jaber
Senior Analytics Consultant, Rittman Analytics

INTRODUCTIONS

Rittman Analytics

- Boutique analytics consultancy based in Brighton, UK
- Full-stack agile analytics consulting focused on the modern data stack
- We kick-start and modernise your data strategy, data team and data platform
- Partners with dbt Labs, Cube, Snowflake, GCP, Dagster, Rudderstack etc
- Find out more at <https://rittmananalytics.com>



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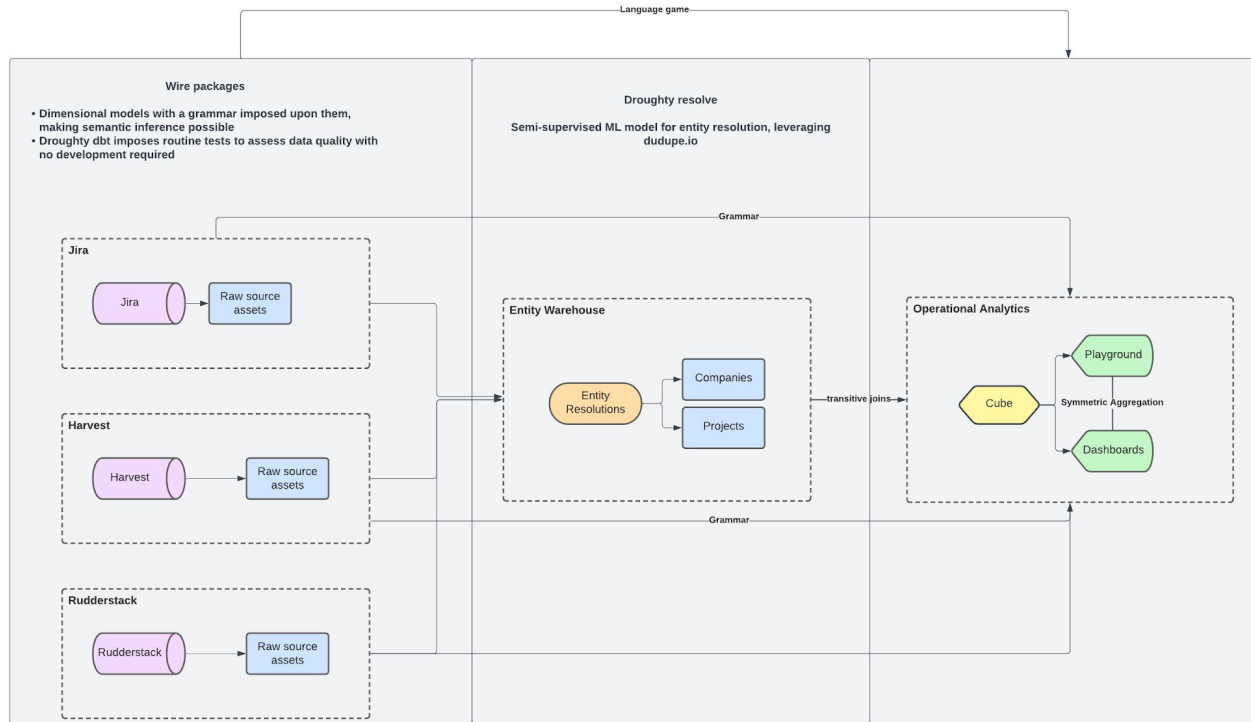
Agenda

- What problems does our approach solve?
- How are we doing it?
- How quick (and accurately) can we do this?
- DEMO
- Q&A

What problems does our approach solve?

- Solving the sometimes poor integration between the decoupled tooling of the modern data stack
- Making the cumbersome, DRY
- Speeding up delivery so that the analysis and activation of data is prioritised over the organisation of it
- Imposes systematic testing and decreases errors through human input
- Using generative AI to speed up documentation
- Using ML to resolve entities
- Embedding meaning into our models, not just ontologies. Semantics are contextual and this offers better comprehension. Not to be confused with metrics!

Architectural Overview

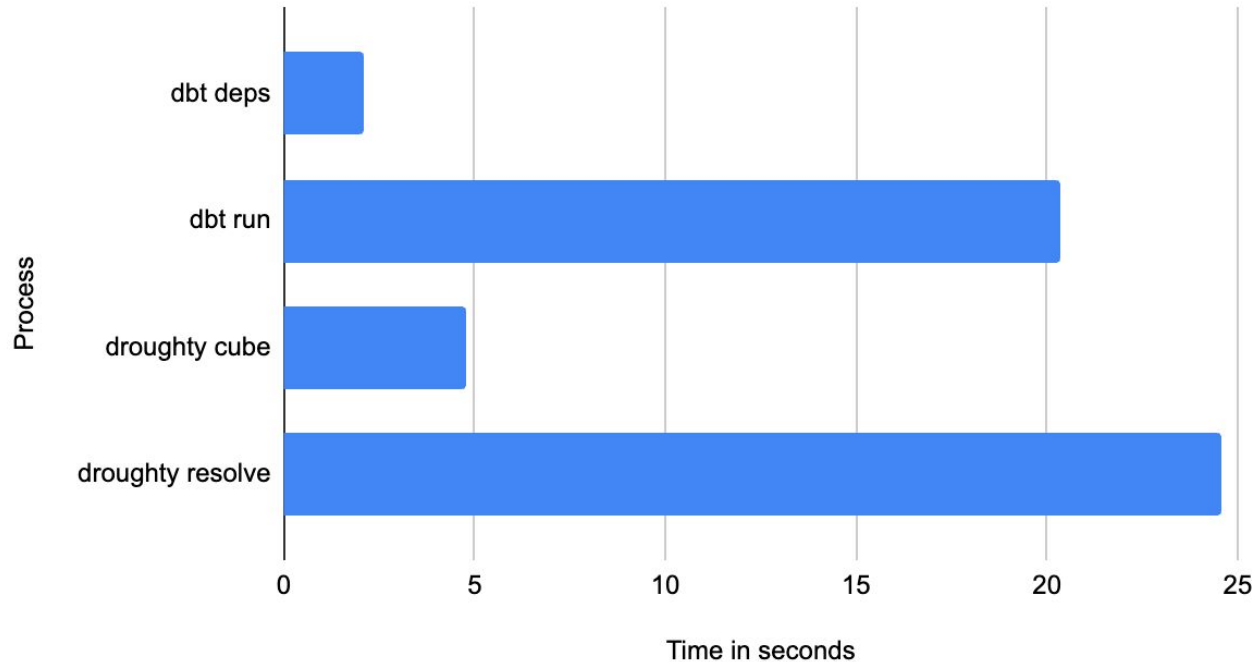


How are we doing it

- Headless semantic layers
- Coupling the semantic layer to the warehouse
- Using semantic inference to do this automatically
- Leveraging transitive joins for bi-directional queries
- Imposing symmetric aggregates
- Using warehouse metadata to enrich the meanings of entities

How quick (and accurately) can we do this?

Deployment Runtime



Total: 51.85 seconds

DEMO

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