

# NXT Accelerators

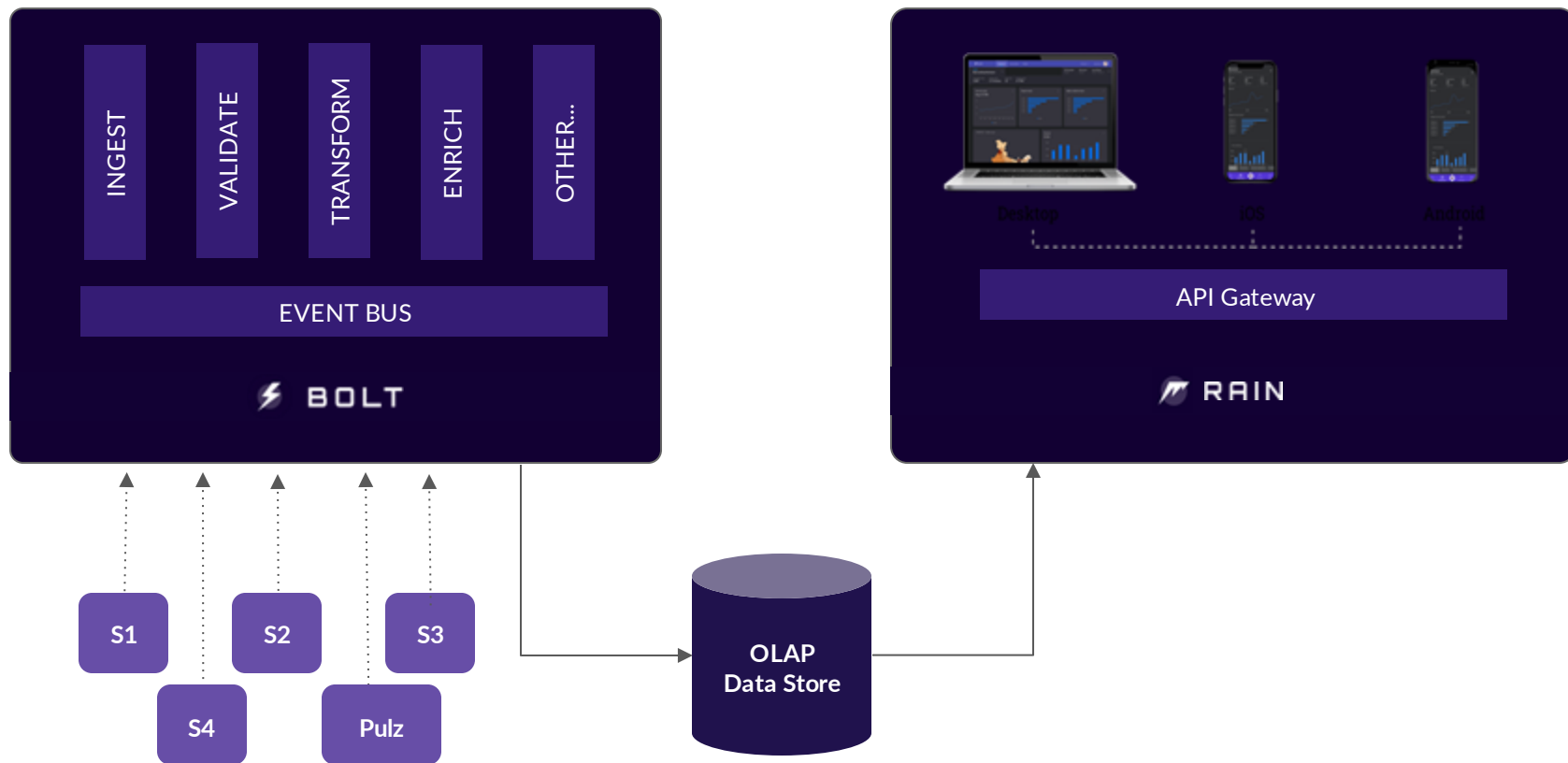


Supercharge your business with the power of data





# Framework - overview



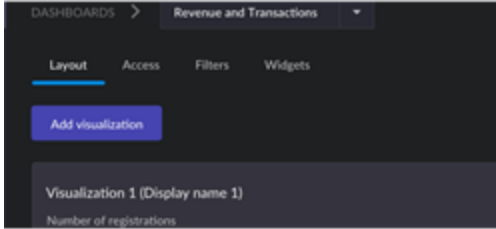
# RAIN



Realtime Analytics and Insights

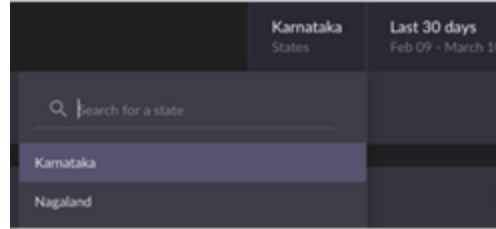


# Why RAIN



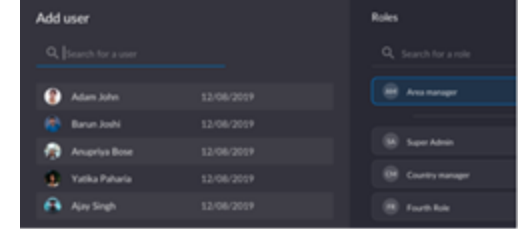
## Ability to Collect, Combine and Compare

Collect data from different data sources, logically combine them, group them, pre-aggregate and store it in a massive data lake.



## Responsiveness and Native Apps

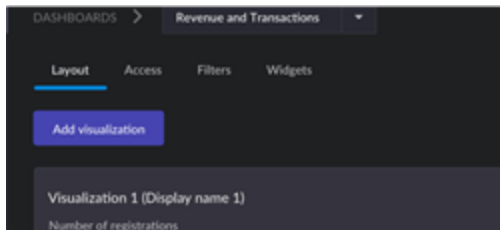
With the responsiveness of our Web Application and with a super powered Native Apps, the dashboards are made available on your handheld devices as a quick decision making tool.



## Customization & Personalization

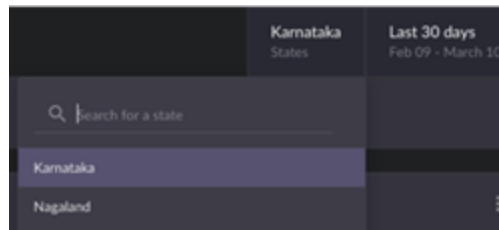
Unlike most analytics solutions, RAIN is specifically designed and built with customization, personalization and native integration capabilities in mind.

# Features



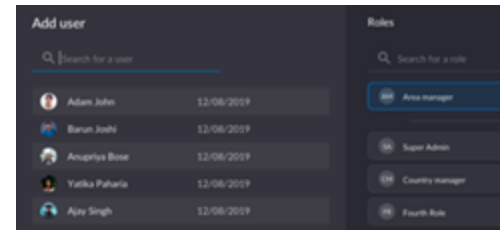
## Create your own dashboards with your favourite visualisation

Visualizations ranging from a simple bar chart to map visualizations. User has the freedom to create multiple dashboard with different collections of visualisations.



## Dig deep using filters, drill downs and more

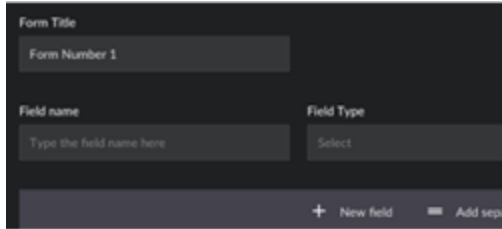
Dig deeper into the data by using default date filter, custom filters, drill-downs and drill throughs.



## Manage access, visibility and much more through an admin interface

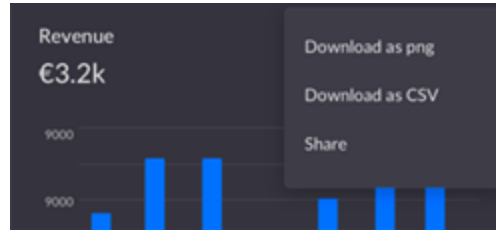
An integrated Admin interface is available where user roles, access, dashboard layout, filters, reports etc. can be controlled.

# Features continued



## Create forms to source data

Users can create 'forms' which can collect different types of data. The data captured through these forms can be further used as a source to create insightful visualizations and reports.



## Create, download or share reports and visualizations

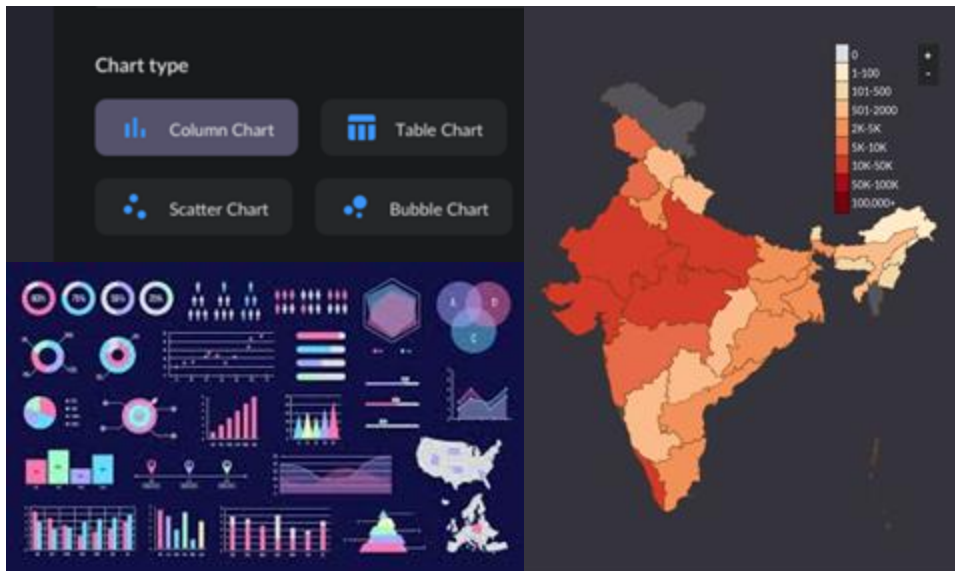
User can create reports, download or share visualizations/reports in multiple formats.



## Use themes or customize

RAIN comes by default in light and dark theme. The UI has been designed to enable quick and easy customisation as well.

# Visualisation support



## Multitude of visualisations supported by default

Most used visualizations ranging from a simple bar chart to map visualizations.

## Custom visualisations on demand

Customized or non-conventional visualisations are made available on demand.



# Reshma's Shopping Store

01  
...

## Runs a all-in-one shopping store chain

Runs a popular store in town and does a decent sales and profit

02  
...

## Spends lot of time analyzing reports

Every week, she spends lot of time going through the reports and analyzing her accounts

03  
...

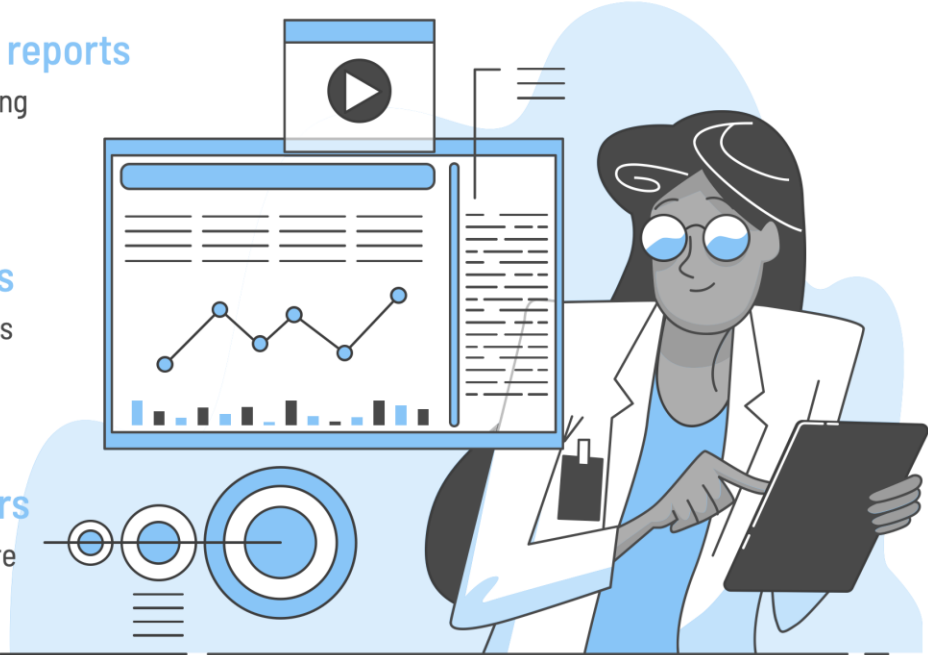
## Manually creates dashboards

Creates a dashboard manually and tries to create different perspectives

04  
...

## Shares it with store managers

Creates reports and shares it with store managers seperately



# Reshma's Shopping Store

01  
...

## Input data and visualize on RAIN

Using data adapter, she connected the data and loaded them to keep that is ready to visualize. With a constant connection of data, real-time data visualizations are now a possibility

02  
...

## Created visualizations and dashboards

With data that she has, created visualizations and added them to dashboards and created custom filters through which different perspectives are viewed

03  
...

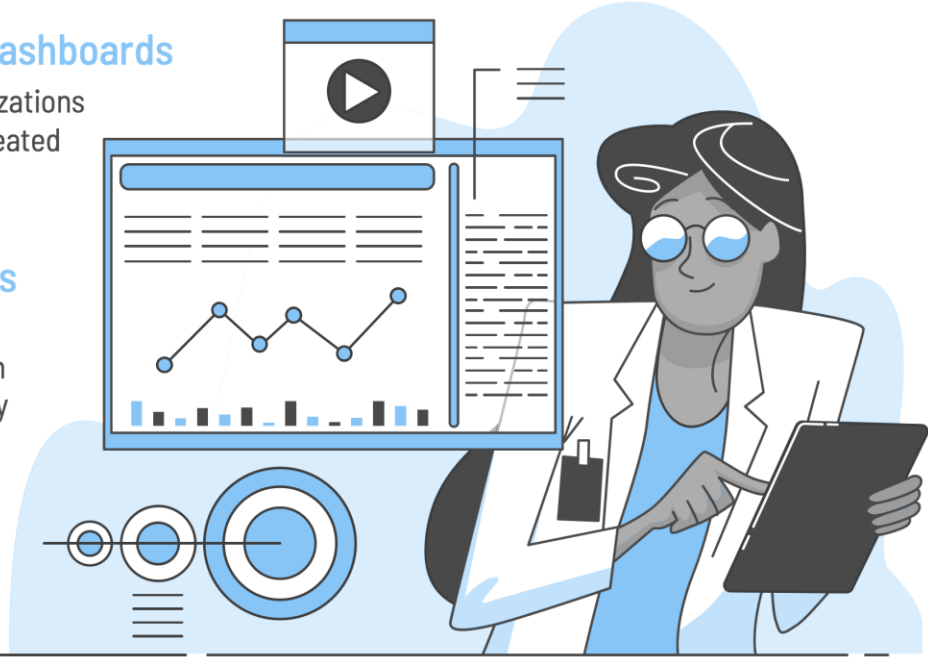
## One place - Many dashboards

Logically grouped data into different dashboards, she created many of them using the admin console. Added variety of visualizations in the dashboards

04  
...

## Gave access to leads

Using role-based access, she gave access to her leads and asked them to see run-time dashboard view. Leads need not have to wait for a week to see their store performances.



# Tech Stack



## Spring Boot

To make a scalable server side application



## Azure Managed Elasticsearch



To discover the expected and uncover the unexpected



## React

To create painless interactive UI's



## D3/Chart JS

Simple, Clean, Engaging Interactive Graphs



## Zuul

To enable a dynamic routing gateway



## Azure Event Hubs

To enable data feeds with its event bus and high throughput



## Azure MySQL

To enable storage of metadata



## Azure Container Registry

To package up the code and its dependencies for quick & reliable computing.



## Azure Application Insights

To improve customizable, effective logging at different levels

**Thank you!**

