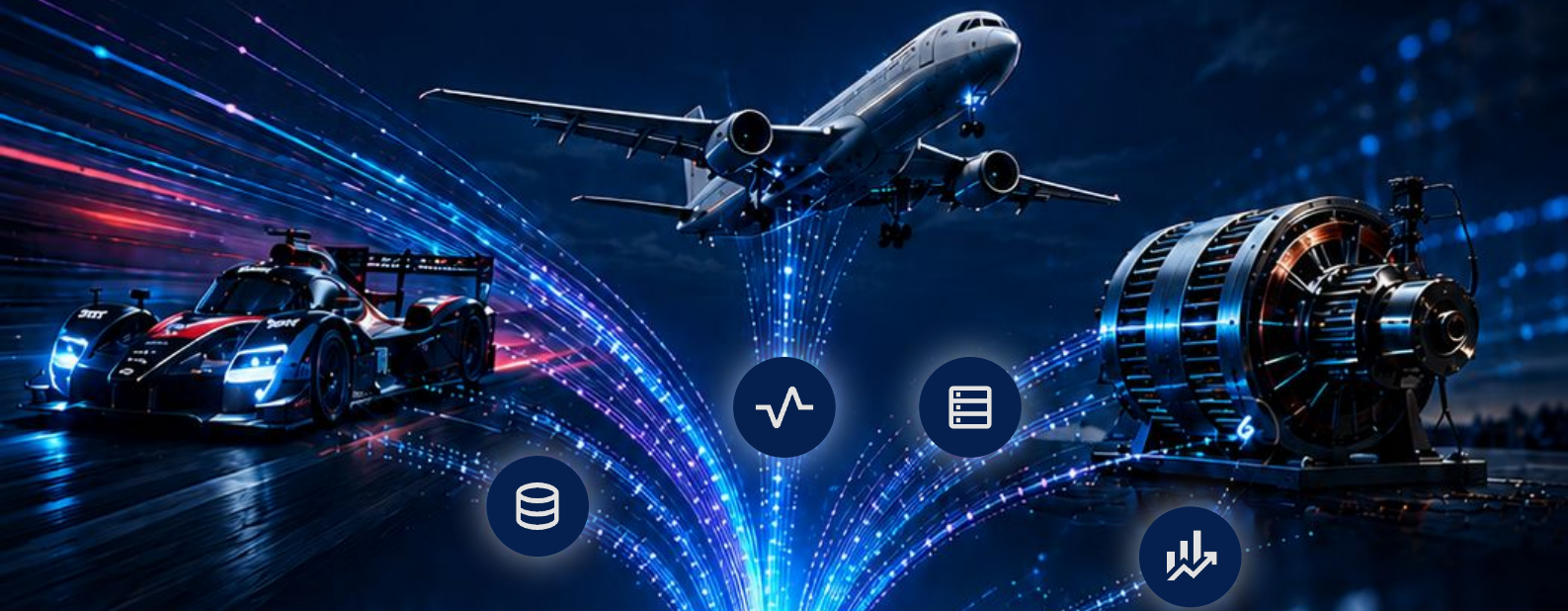


# marple

Data analysis that works for engineers



Unify, test, simulate, and analyze data, all in one streamlined environment.  
Accelerate the engineering loop from test to validation.

Time series

Data Management

Analytics

AI Workflows

[marpledata.com](https://marpledata.com)



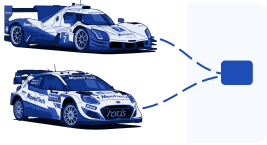
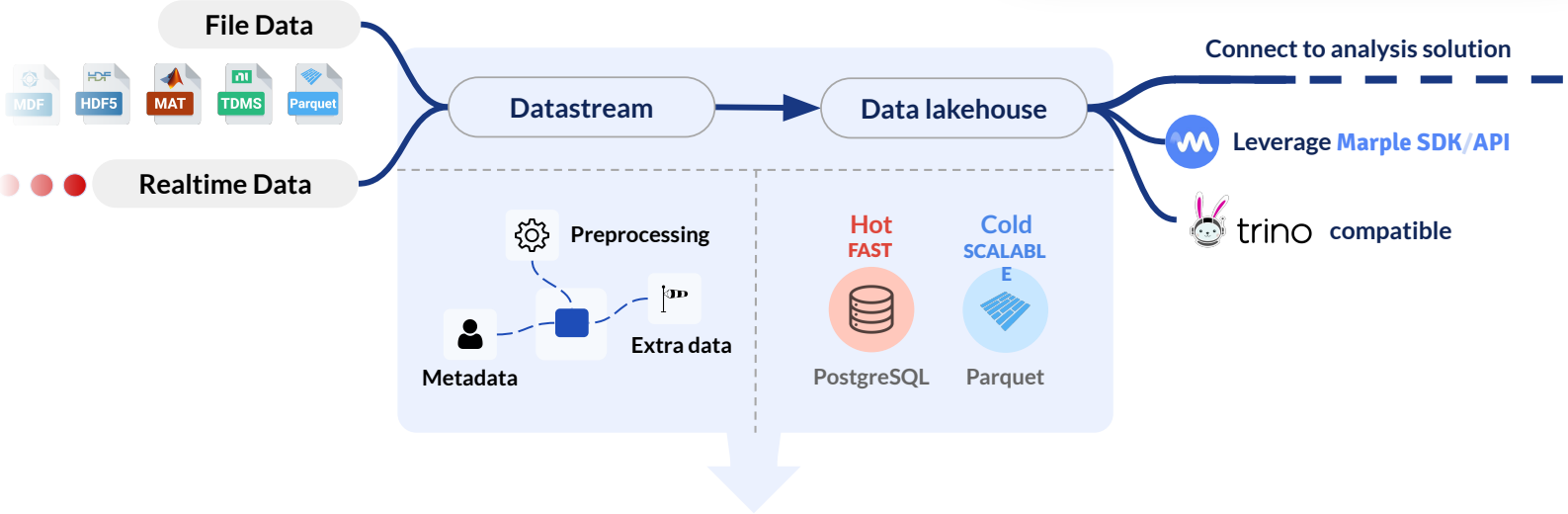
# Marple DB engineering data lakehouse

DATA STREAMS | MARPLE SF50 FLIGHT TEST & ACCEPTANCE CAMPAIGN

Marple SF50 Flight Test & Acceptance Campaign Configure

Dashboard for flights using pre-visualization and dash for the acceptance flights.

ID	Name	Datapoints	File Size	Signals	Upload date	Status
651	Acceptance_SF50_06	15M	75.5 MB	201	2024-02-08 11:19	Completed
309	Acceptance_SF50_08	15M	108.7 MB	201	2024-02-08 10:27	Completed
141	Acceptance_SF50_14	15M	108.7 MB	201	2024-02-08 10:24	Completed
140	Acceptance_SF50_13	15M	108.7 MB	201	2024-02-08 10:24	Completed
139	Acceptance_SF50_12	15M	108.7 MB	201	2024-02-08 10:24	Completed
138	Acceptance_SF50_10	15M	108.7 MB	201	2024-02-08 10:24	Completed
137	Acceptance_SF50_10	15M	108.7 MB	201	2024-02-08 10:24	Completed
136	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
135	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
134	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
133	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
132	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
131	Acceptance_SF50_20	15M	108.7 MB	201	2024-02-08 10:23	Completed
130	Acceptance_SF50_21	15M	108.7 MB	201	2024-02-08 10:23	Completed
129	Acceptance_SF50_24	15M	108.7 MB	201	2024-02-08 10:23	Completed



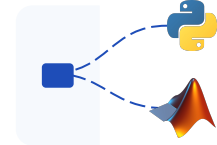
## Ingestion

Ingest multi-source cable data and live telemetry data



## Performance

Scalable ingestion & querying performance across TBs



## Agent-ready

Dedicated SDKs, Trino compatible & agentic workflows

## Features & Benefits

✓ **High-speed Ingestion**  
>10M datapoints per second

✓ **File-to-database Conversion**  
Convert logs to a queryable lakehouse

✓ **Datastream Configuration**  
Custom configuration per data type

✓ **Metadata Management**  
Enrich data with metadata

✓ **Standardisation & Preprocessing**  
Unify & centralize data on ingestion

✓ **Unified Namespace**  
Consistent signal name across data

✓ **Multi-tiered Storage**  
Data Lifecycle & Retention Rules

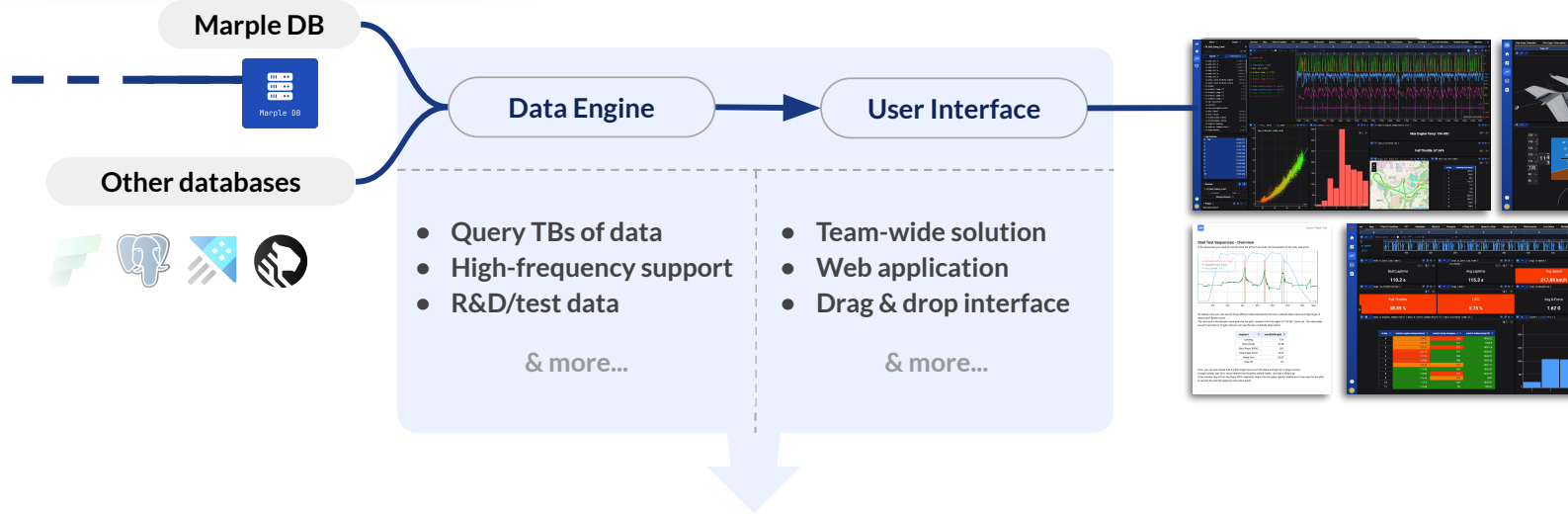
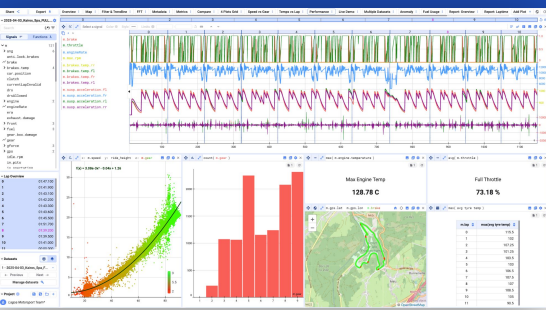
✓ **Open Standards & no lock-in**  
Iceberg/Parquet/Postgres backend

✓ **Time-series query & data mining**  
Query all raw data directly

✓ **High-frequency & cardinality scale**  
Handle 200k+ channels at 1GHz rate

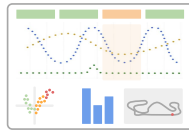
✓ **Realtime Streaming**  
Consume live data streams directly

✓ **SDK, API & tool integration**  
AI & Machine Learning ready



### KPI Dashboards

Customizable top-level view of all raw data and metadata



### Deep Analysis

Different plot types, calculated functions, KPI editor, ...



### Automated Reports

Create automated reports that trigger on certain events

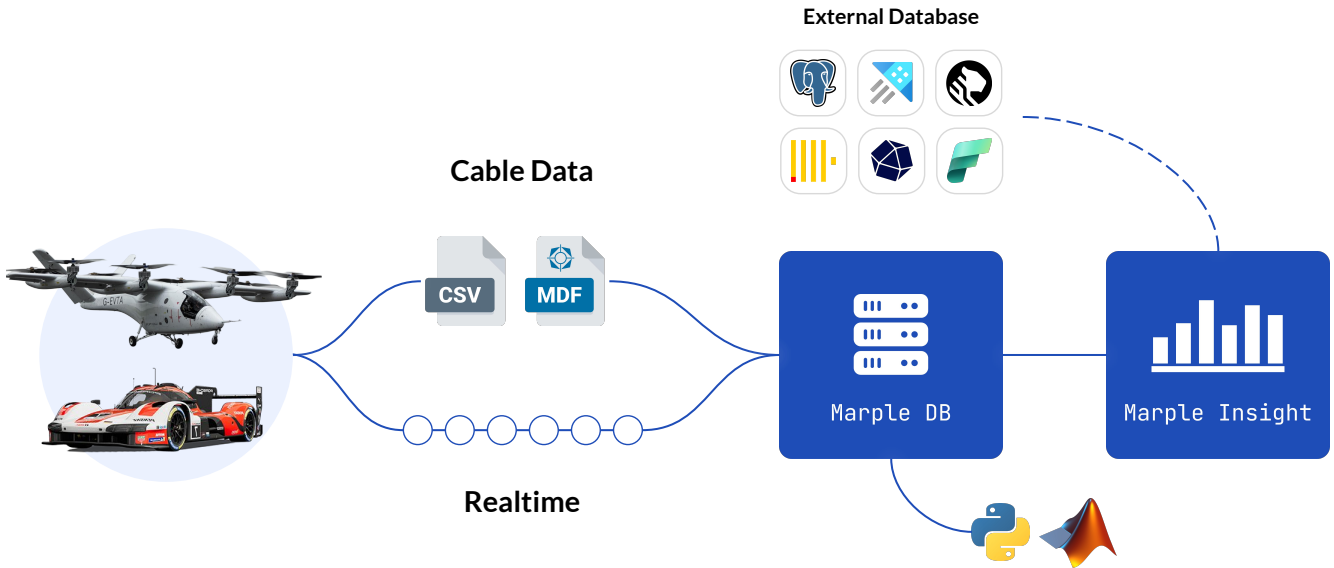
## Features & Benefits

- ✓ **Multiple Plot Types**  
Exploratory, KPIs and Industry-based
- ✓ **Calculations & Functions**  
Custom math & built-in functions
- ✓ **Automated Reporting**  
PDFs over email, Teams, Slack, ...
- ✓ **Resampling & Time alignment**  
Different sampling rates & time bases

- ✓ **Aggregation & Data Mining**  
Aggregate over thousands of datasets
- ✓ **Advanced Data Search**  
Search across all raw data
- ✓ **Anomaly detection and validation**  
Automatic detection & outlier flagging
- ✓ **Realtime data analysis**  
Plot live data in the same interface

- ✓ **Event-based metrics**  
Laps, power settings, flight stages, ...
- ✓ **Exploration & visualization**  
Intuitive drag-and-drop interface
- ✓ **Workflow & Collaboration**  
Team-wide workspace
- ✓ **Signal Discovery & Management**  
Search signals and inspect metadata

## The Complete Marple Workflow



## Marple in industry

**Bugatti-Rimac Powertrain**  
Unified datalake from multiple prototypes, simulators and test cars

**VX4 Test Campaign**  
Centralized interface for Flight Test Engineers & Certification Team

**DeepDrive In-Wheel Drive**  
Unified access to simulation, test bench and fleet telemetry



## Get in touch

Questions about integration, functionality or pricing?  
Contact our product team.

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