



TIGZIG Analyst

Micro Apps Suite ♦ AI for Analytics

Analyze Your Data

In Natural Language (Text-to-SQL)

Want to Test ?

Sample Data: 11.8 Million Rows. 1.6 GB

2 Click Setup

No Server – Database – Login needed

Free to Try

app.tigzig.com/analyzer

Step 1: Select Dataset

from 14KB to 1.6GB

From 64 rows to 11.8 M Rows

DATS-4 Database AI Suite Connect to Any Database ♦ Text2SQL ♦ Advanced

Sample Datasets

	DATASET	SIZE	ROWS
<input type="radio"/>	RBI Cards & ATM Statistics Reserve Bank of India's monthly statistics report on ATMs, credit cards, debit cards, and POS transactions for July 2025.	14 KB	64 Rows
<input type="radio"/>	Tour de France - Riders History Tour de France rider rankings and finish times from 1903 to 2025.	974 KB	10K Rows
<input type="radio"/>	IPL - Indian Premier League Ball-by-ball IPL cricket data from 2003 till Sep 2025	41 MB	278K Rows
<input type="radio"/>	ODI - One Day International ODI cricket match data with ball-by-ball records data from 2003 till Sep 2025	206 MB	1.6 Million
<input type="radio"/>	Cricket Combined - ODI, T20, County & IPL ODI, T20, County/English cricket, and IPL. Ball-by-ball data from 2003 till Sep 2025	697 MB	5.2 Million
<input checked="" type="radio"/>	Cricket Extended - ODI, T20, ODM, MDM, Test, T20 Blast, County & IPL Ball-by-ball data. From 2003 till Sep 2025	1.6 GB	11.8 Million

Step 2: Select Temp. DB

Database Connection Required

Please select how you would like to proceed with the data analysis:



Use Temporary Database

Recommended for quick analysis.
Creates an instant database session.



Connect Own Database

Connect to your existing database or
create a new one.

Cancel

Step 3 : App Confirms Setup

11,851,704 records (1638.4 MB) inserted into
temporary database table
`public.odi_t20_odm_mdm_test_t20blast__56492`
in 1 minute 57 seconds


Process completed successfully. You can now
proceed with your analysis.

*Backend is neon.com — which provisions a Postgres
database in less than a second via an API call.*

Step 4: Request in regular English

Use the prompt provided or explore on your own



Sample Datasets ×				
DATASET	SIZE	ROWS	COLS	PROMPT
<input type="radio"/> RBI Cards & ATM Statistics Reserve Bank of India's monthly statistics report on ATMs, credit cards, debit cards, and POS transactions for July 2025.	14 KB	64 Rows	29	

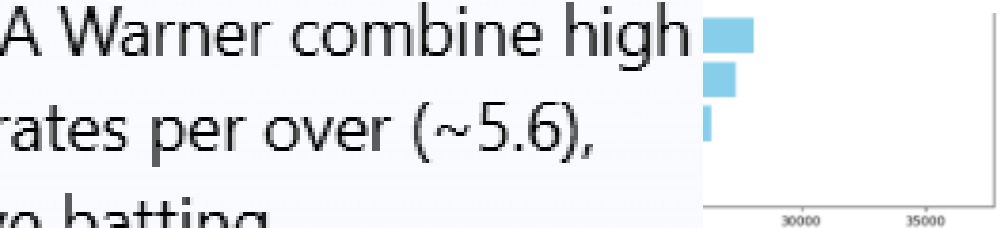
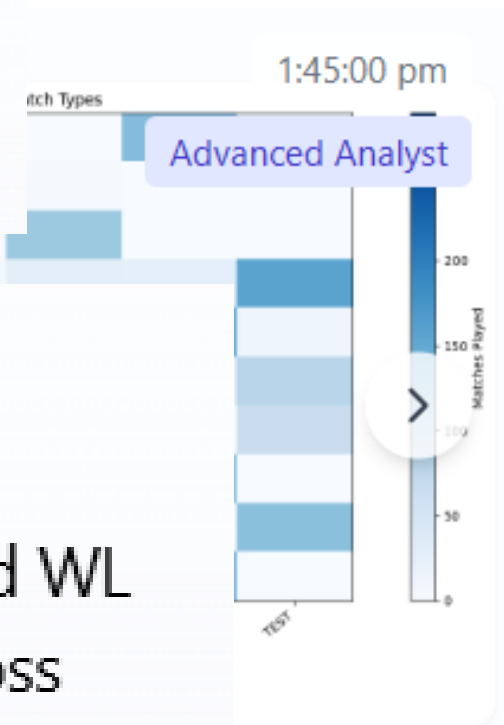
For complex queries ask AI to send request to Advanced Analyst

Step 5: Agent Shares Analysis

Superstar Strikers in Cricket: Run-Making Performance Across Match Types

Visual Insights

- **Volume Leaders:** V Kohli, KC Sangakkara, and WL Madsen are the highest total run scorers across formats.
- **Efficiency:** RG Sharma and DA Warner combine high volume with the highest run rates per over (~5.6), indicating aggressive, effective batting.



Recommendations

1. **Player Scouting & Strategy:** Focus on high run-rate players for formats demanding quick scoring. RG Sharma and DA Warner excel in efficiency metrics.
2. **Training & Match Preparation:** Study the technique



Step 6 : View Agent Reasoning

① View Agent Reasoning



Superstar Strikers

Step-by-step Plan:

- 1. Identify Unique Match Types:** First, determine all distinct `match_type` values present in the data. This will inform how many separate tables and visualizations are needed.
- 2. Calculate Base Metrics per Striker per Match Type:**
 - For each `striker` and `match_type`:
 - Sum `runs_off_bat`.
 - Count distinct `match_id` (matches played).
 - Count total `ball` entries (balls faced).
 - Calculate `overs_played` as $\text{COUNT}(\text{ball}) / 6.0$.
- 3. Create an Intermediate Table:** Store these calculated base metrics in a permanent table to facilitate further calculations and ranking.
- 4. Calculate Derived Metrics and Rank:**

Step 7: Iterate

Iterate

Validate

Create Working Tables

Merge

Summarize

Export Table

Create PDF

Full Post

<https://www.tigzig.com/post/try-text-to-sql-on-real-data-gb-files-multi-million-rows>

- Datasets: How to Explore
- LLM Options: Costing & Pricing
- Technical Note on File Uploads
- What Else Can the App Do
 - Database Connections
 - Two Agents
 - Python Charts and Stats
 - File Uploads & Table Exports
 - PDF Output
 - Logs
- Open Source / Links



TIGZIG Analyst

Micro Apps Suite ♦ AI for Analytics

30+ Micro-Apps for Analytics

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app.tigzig.com

Database AI ♦ Quants

xlwings Lite ♦ GPTs ♦ MCP



Open Source

Amar Harollikar - Specialist - Decision Sciences & Applied AI
Builder of app.tigzig.com