

Bibliography

Capstone in Data Science

Z Skigen

September 9, 2025

The primary source for this project is the official TrackMan Range API documentation (TrackMan 2025). This serves as my external data source, providing the endpoints, authentication details, and variables needed for ingesting live baseball tracking data.

To manage ingestion at scale, I will rely on Satyam Sahu's article (Sahu 2024), which demonstrates how to automate REST API data pipelines into SQL warehouses. I will adapt his process to handle TrackMan's 30-day token refresh window and stream data into a structured PostgreSQL database. For the construction of this database itself, I will follow the official PostgreSQL documentation (PostgreSQL Global Development Group 2025), which explains how to properly create and configure new databases for persistent storage.

Finally, I will use open-source documentation on PostgREST, Streamlit, and Dash (Joe Nelson, Steve Chavez 2025; Streamlit, Inc. 2025; Plotly Technologies Inc. 2025) to expose my PostgreSQL data as a RESTful service and to build an analyst-friendly front end. For general grounding in REST API workflows with Python, I will reference Jason Van Schooneveld's Real Python tutorial (Schooneveld 2025).

References

- Joe Nelson, Steve Chavez. 2025. *PostgREST Documentation*. <https://postgrest.org/>.
- Plotly Technologies Inc. 2025. *Dash User Guide and Documentation*. <https://dash.plotly.com/tutorial>.
- PostgreSQL Global Development Group. 2025. *PostgreSQL: CREATE DATABASE — SQL Command*. <https://www.postgresql.org/docs/current/sql-createdatabase.html>.
- Sahu, Satyam. 2024. “Automate Data Ingestion: Connecting REST APIs to Your Data Warehouse with Python.” Medium. <https://medium.com/towards-data-engineering/automate-data-ingestion-connecting-rest-apis-to-your-data-warehouse-with-python-eb889fb668f7>.
- Schooneveld, Jason Van. 2025. “Python and REST APIs: Interacting with Web Services.” 2025. <https://realpython.com/python-api/>.

Streamlit, Inc. 2025. *Streamlit Documentation*. <https://docs.streamlit.io/>.

TrackMan. 2025. *TrackMan Range API Documentation*. <https://docs.trackmanrange.com/>.