Introduction

The goal of the Analytics Middle Tier is straightforward: to simplify the process of querying for data from the Ed-Fi ODS. That said, Data Analysts still need to learn what each view provides and how optimally to use them, which is the purpose of this guide. Otherwise, there is a real risk of misuse leading to incorrect reporting.

Collections

The Analytics Middle Tier contains a core set of views as well as a number of optional collections, including:

- Early Warning System Collection
- QuickSight Early Warning System Collection
- Row-Level Security Collection

Patterns and Practices

These documents provide a number of patterns and practices that may prove useful in a production rollout of the Analytics Middle Tier solution. As with any such guidance, readers will need to carefully evaluate applicability to their systems, and consult with internal and/or external experts on business intelligence systems, data architecture, system security, and so forth.

- Patterns for Calculating Metrics
- Descriptor Mapping
- How to Use the Student Dimensions
- Patterns for Row-Level User Security