

AMT User Guide

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.

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Collections

The Analytics Middle Tier contains a [core set of views](#) as well as a number of optional collections, including:

- [Assessment Collection](#)
- [Chronic Absenteeism Collection](#)
- [Early Warning System Collection](#)
- [QuickSight Early Warning System Collection](#)
- [Engage Online Learners Collection](#)
- [Educator Preparation 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](#)