



Integration Guide for Student Performance Monitoring

This guide provides a comprehensive walkthrough of setting up and using the Student Performance Monitoring System for educators and administrators.

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Step 1: Setting Up the Database

Install MySQL

Download and install the latest version of MySQL on your system.

Create a New Database

Open the MySQL console and create a new database named "student_performance".

Run the SQL Script

Execute the "student_performance.sql" script to populate the database with tables and initial data.

Step 2: Exporting Data to Excel

Execute the SQL Query

In MySQL Workbench, run the following SQL query to retrieve student performance data:

```
SELECT Students.name, Courses.course_name,  
Assessments.score,  
Assessments.assessment_date FROM  
Assessments JOIN Students ON  
Assessments.student_id = Students.student_id  
JOIN Courses ON Assessments.course_id =  
Courses.course_id;
```

Export Data to CSV

Click on the "Export" button in MySQL Workbench and save the data as "student_performance.csv".

Step 3: Analyzing Data in Excel

Load Data in Excel

Open Microsoft Excel and load the "student_performance.csv" file.

Analyze Data with Pivot Tables and Charts

Use Pivot Tables to summarize data and create charts to visualize student performance trends.