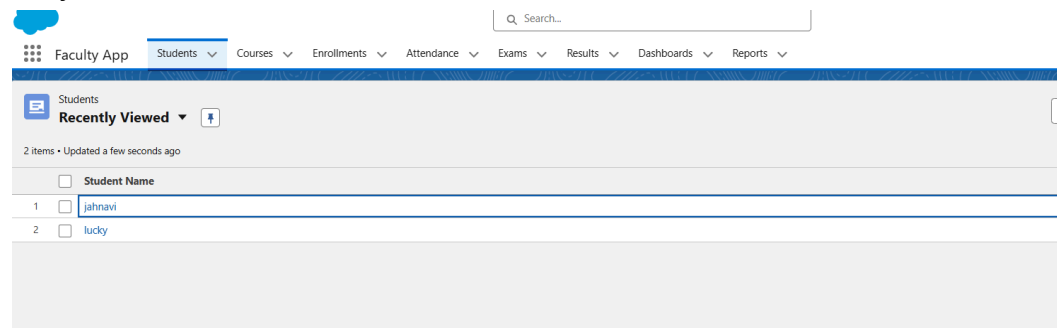


## Phase 9: Reporting, Dashboards & Security Review

In this phase, I implemented **comprehensive reporting, dashboard visualization, and security measures** to ensure accurate tracking of student attendance and performance while maintaining data integrity.

### 1. Reports (Tabular, Summary, Matrix, Joined)

- Created various **report formats** to analyze student data efficiently:
  - **Tabular Reports:** Simple listing of student attendance and exam marks.
  - **Summary Reports:** Grouped records by student and semester to calculate attendance percentages.
  - **Matrix Reports:** Cross-tabulated data to compare grades across courses.
  - **Joined Reports:** Combined attendance and performance reports for detailed analysis.

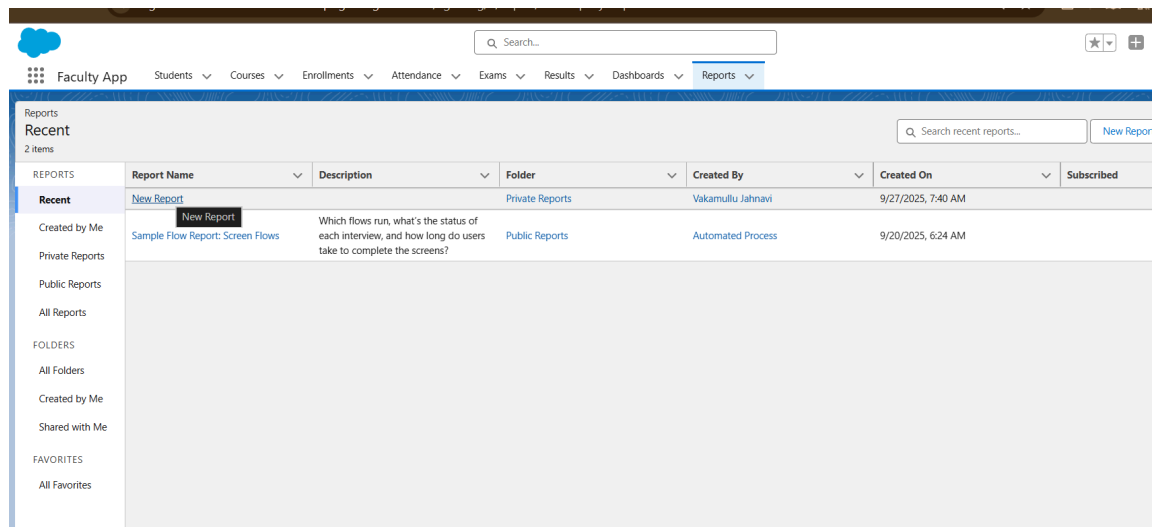


	Student Name
1	jahnavi
2	lucky

### 2. Report Types

- Developed a **custom report type: Enrollments with Students & Courses.**

- This enabled reporting on **both attendance and exam performance** in a single report.

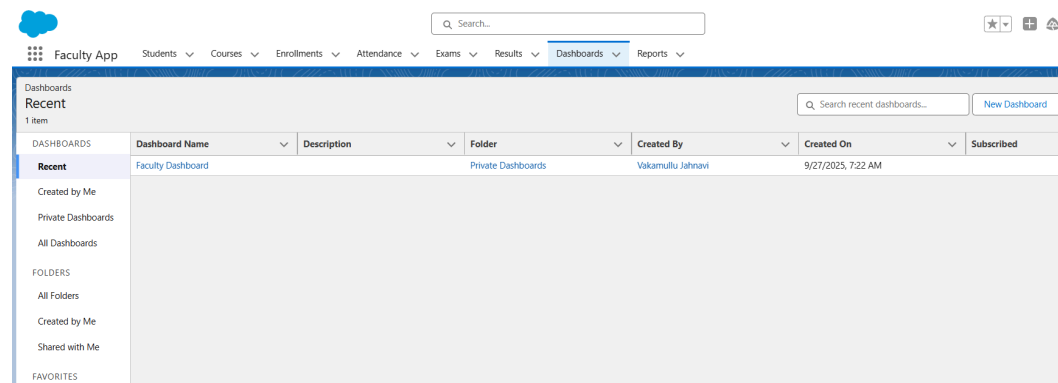


The screenshot shows the 'Reports' section of the Faculty App. The top navigation bar includes 'Faculty App' and various menu items like 'Students', 'Courses', 'Enrollments', 'Attendance', 'Exams', 'Results', 'Dashboards', and 'Reports'. The 'Reports' section has a search bar and a 'New Report' button. Below this is a table of recent reports.

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Report		Private Reports	Vakamullu Jahnavi	9/27/2025, 7:40 AM	
Created by Me	Sample Flow Report: Screen Flows	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	9/20/2025, 6:24 AM	

### 3. Dashboards

- Created dashboards to visualize student data:
  - **Attendance Dashboard:** Bar chart showing Attendance % per student.



The screenshot shows the 'Dashboards' section of the Faculty App. The top navigation bar is similar to the previous screenshot. The 'Dashboards' section has a search bar and a 'New Dashboard' button. Below this is a table of recent dashboards.

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Faculty Dashboard		Private Dashboards	Vakamullu Jahnavi	9/27/2025, 7:22 AM	

### 4. Dynamic Dashboards

- Configured dynamic dashboards to allow faculty members to **view only their assigned students' data**, providing personalized insights.

### 5. Sharing Settings

- Configured record-level **sharing rules** to ensure that only authorized users can view or edit student, course, and enrollment records.

## 6. Field Level Security

- Restricted access to sensitive fields such as **Grades** and **Exam Marks**.
- Ensured that only faculty with appropriate permissions can modify critical fields.

## 7. Session Settings

- Applied session timeout and security settings to enhance the protection of the Salesforce org.

## 8. Login IP Ranges

- Restricted login access to specific IP ranges for additional security.
- This prevents unauthorized access from external networks.

## 9. Audit Trail

- Enabled **Audit Trail** to track all administrative and configuration changes in Salesforce.
- Provides accountability for modifications in student attendance and performance data.