20 dashboard insights for examination system iti :

**1—student dashboard:**

- student avg number \_ total (card)

- attendance by student (bar chart)

- gender distribution ([pie chart)

-City distribution by student (funnel)

-Drill-Down and Filter specific course or time period to view performance trends for individual students.

**2-instructor dashboard:**

-Number of instructors (card)

-Gender distribution (pie chart)

-Number of instructor by department (bar chart)

**3-instructor performance dashboard:**

-Instructor number of courses (card)

-instructor performance by courses grade (line chart)

-instructor performance by student feedback (line chart)

**4-course-Wise Performance**

-number of courses (card )

-course duration distribution ( line chart )

-performance by course (donut chart )

**5- Grading Wise Distribution:**

-distribution of grades for each course

-overall grades for students (line chart )

- Top Performing Students (bar chart)

-average pass rates for each course

**6-department dashboard :**

- number of departments

-Funding and Budget for department

- location for department

-department wise student count

**7-Exam overview**

-exam duration distribution

- exam status ( completed – on going -upcoming )

- exam fees distribution

**8-Course Evaluation and Feedback by students**

* Number of feedback
* student satisfaction. By each course
* Course well organized by feedback

**9- branch analysis dashboard**

-branch performance analysis

- branch location (map )

- branch by student count

**10-certificate analysis**

- number of certificates offered

- certificate distribution by platform

- certificate fees distribution

**11-project management dashboard**

--number of projects

-project progress analysis

-number of projects by rate

**12-job offers analysis**

* number of job offers
* job status ( full-time-part time – remote- hybrid )
* salary distribution by jobs

**13-company overview dashboard**

-Number of companies

-company performance analysis

1. **Intake Analysis Dashboard:**

* Intake count and trends over time (line chart)
* Intake gender distribution (pie chart)
* Intake performance by department (bar chart)
* Average grades by intake (box plot)
* Intake-wise student feedback analysis (stacked column chart)

1. **Student Demographics Dashboard:**

* Student age distribution (pie chart)
* Gender distribution of students (donut chart)
* Distribution of students by city or region
* Enrollment by student type (bar chart)

**16-Class Attendance Dashboard:**

* Attendance rate by course (stacked column chart)
* Student attendance trends over time (line chart)
* Absence reasons analysis (stacked area chart)
* Comparative analysis of attendance rates across departments (box plot)
* Attendance impact on grades (scatter plot)
* Intervention recommendations for low attendance (suggested actions)

**17-Graduation Analysis Dashboard:**

* Graduation rate by department (bar chart)
* Average time to graduation (line chart)
* Graduation trends over time (area chart)
* Comparative analysis of graduation rates across different intakes (box plot)
* Graduation outcomes and career paths of graduates (table)

1. **Course Completion Dashboard:**

* Course completion rates (gauge chart)
* Average time taken to complete courses (line chart)
* Completion rates by course type (stacked column chart)
* Course completion trends over time (area chart)
* Comparative analysis of completion rates across departments (box plot)

1. **Exam Analysis by Branch:**

* Exam performance by branch (bar chart)
* Comparative analysis of grades across branches (box plot)
* Distribution of grades by branch (stacked column chart)
* Branch-wise performance trends over time (line chart)
* Top-performing branches (table)
* Identification of branches in need of improvement (suggested actions)

1. **instructors analysis by branch:**

* instructor performance by branch (bar chart)
* Comparative analysis of feedback across branches (box plot)
* Distribution of instructors by branch (stacked column chart)
* Top-performing instructors (table)