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**AI Initiatives Dashboard Preparation Report**

**Dashboard 1: AI Tutor Usage Summary (for a particular period)**

Our aim is to show overall adoption and satisfaction for a selected date range (e.g.: June 9-July 23,2025)

KPIs

* Total no. of units delivered during the period
* No. of units used AI Tutor
* No. of units that did not use AI Tutor
* Student adoption rate %
* Percentage of units implemented AI Tutor %
* Average No. of session IDs created
* Average No. of Quizzes conducted
* Average No. of Quizzes used for grading
* Average AI Tutor tool rating
* Average Faculty Rating

**Methodology**

1. We will create an AI Tutor Usage master sheet that has

* Campus, Course Name, Cohort, Unit Name, Faculty Name, Faculty Email id, Unit commencement date
* No. of sessions ids created, Total students participated, Batch size,Student Adoption rate %
* Unit End Date, No. of students who filled in the form, Size of the batch when feedback was collected
* Average Faculty score.
* Average rating for the tool
* Implemented AI Tutor /Not
* No. of Quizzes conducted
* How many quizzes are used for grading
* Outcome of quizzes conducted
* Faculty feedback regarding AI Tutor

2.Define the rubrics

* Student adoption rate – Total Students participated/Batch size
* Student feedback response % -No. of students who filled in the form/ Batch size.
* No. of sessions created
* Average No. of quizzes conducted
* Average No. of quizzes used for grading
* Average AI Tutor tool rating
* Average Faculty rating
* Percentage of units implemented AI tutor – (No. of units implemented AI Tutor /Total no. of units delivered during that period) \*100.

3.Visualization

* KPI cards: student adoption rate %, Feedback response %, Avg tool rating, Average faculty rating, Sessions created, Average quizzes conducted, average quizzes graded
* Donut graph: % of units implemented AI Tutor
* Trend(optional): monthly adoption/responses
* Bar graph: AI Tutor tool rating and Faculty rating Vs Unit name
* Table: top unit by tool rating /adoption.
* Table: top unit by faculty rating /adoption.

4.Generate the insights and present the findings

**Data Sources**

* AI Tutor Tracker- Ms. Supriya and Team
* Student feedback form- Team Ms. Varuna and Ms. Supriya
* Faculty feedback form-Google form response sent by Ms. Pushpa

**Template**

[AI Tutor Usage Summary Template.xlsx](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/EdUSzEdnRy1Dkpcv5qrfQnkBU2xrmox-CZiQWB7921_agg?e=yxfBi9)

**Dashboard 2: AI Mentor Implementation and Performance Analysis.**

Aim: Evaluate the effectiveness and impact of AI Mentor as a project guidance tool by

* assessing its influence on students’ project performance through grade comparisons before Vs after AI Mentor
* analyzing the feedback received from AI Mentors using Sentiment Analysis.

KPIs

* Project grade before AI Mentor
* Project grade after AI Mentor
* Percentage Improvement
* Feedback from Academic Managers

Define rubrics

* Percentage Improvement = (Project grade after AI Mentor-Project Grade after AI Mentor)/Project Before AI Mentor) \*100
* Sentiment Analysis of the feedback collected

Visualizations

* Sentiment Analysis
  + - Pie chart / Donut Chart- % Positive / Neutral /Negative Feedback
    - Word Cloud – Most common Keywords in feedback
* Grades Before and After AI Mentor
  + - Bar chart (Side by side): Grades before and after AI Mentor program wise
    - Line chart/ Trend graph: Average grade trend before and after AI Mentor on different cohorts
    - KPI Cards:% increase in average grades, % increase in high scoring grades

**Data Sources**

* Academic Managers
* Examination/ Assessment office-Mr. Sanjay Patro and Team

**Template**

[AI\_Mentor\_Feedback\_Template.xlsx](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/ESKJ7KcwwHtIuGRh0VvIZJIB2Ly4DGRzLKIT0-gjxUTZ9Q?e=f4o5lr)

**Dashboard 3: JPT Performance Analysis**

The purpose of this analysis is to track placement outcomes, measure conversion ratios, and compare results across three stages:

* No AI Tool Era (traditional preparation)
* Yoodli Era (AI-driven preparation)
* JPT Era (Hyper personalized AI preparation)

This will help us clearly see how AI initiatives have improved student placement performance over time.

**Methodology**

1. We will create a placement master sheet that has

* Student details: Student ID, name, program, cohort.
* Placement process: eligible, applied, shortlisted, offers, placed.
* Placement outcome: Company, role, industry, CTC, joining date.
* AI Tool usage: No AI/Yoodli/JPT, sessions completed, scores

This will be updated cohort wise -weekly.

1. Define the rubrics

* Placement % = (Placed /Eligible) \*100.
* Conversion Ratios at each stage: Eligible- Applied – Shortlisted – Offered -Placed.
* Improvement % between eras: No AI -Yoodli, Yoodli -JPT, No AI -JPT.
* Industry-wise trends: Finance, Consulting, Tech, Supply chain, Marketing
* Top placement companies visited – Measure the number of students placed in a company (per year & per era)
* Salary Trends- average and highest CTC per year
* JPT performance -sessions completed vs placement outcomes.
* List of companies came for every program-cohort wise

1. Organizing Data by Era

* Group all records inti three eras:
  + - * + No AI tool
        + Yoodli
        + JPT (custom AI tool)

This allows direct comparison across eras.

1. Build the Analysis.
   * + - Cohort -level analysis -Conversion ratio, placement percentage, salary trend, top placement companies
       - Era level Analysis -Average performance per AI tool era.
2. Visualization
   * + - Placement Percentage (Overall Trend)

Line Chart: Year vs Placement % across eras (No AI, Yoodli, JPT).

* + - * Conversion Ratios (Funnel Analysis) -Funnel Chart: Eligible-Applied-Shortlisted- Offered-Placed
      * Improvement Ratios across Eras -Bar Chart: Average placement% and conversion ratios by Era (No AI vs Yoodli vs JPT)
      * Industry-wise Placement Distribution -Stacked Bar Chart /Pie Chart: Industry vs number of students placed.
      * Salary Trends: Line Chart-Year vs Average CTC and Highest CTC
      * Tool Engagement Metrics (JPT/Yoodli usage) -Bar chart: JPT sessions completed vs placement success.
      * Top Placement Companies-

Bar Chart: Top 5 recruiters vs number of students placed per year.

Trendline: Company-wise hiring trend across eras

1. Generate Insights

From the dashboards, we will highlight:

* How much placement % improved after each AI initiative
* Which industries are hiring more after JPT
* How salaries improved over time
* How JPT sessions/scores link to successful placements.

1. Present the findings

* Final report showing Progress over time and the impact of AI tools on placement performance.

**Data Sources**

* Institutional records: CR Team -official placement reports, company visit lists, student eligibility lists, offer letters, and joining confirmations.
* Academic Records -Program Office -Records of graduation, batch sizes and academic performance (if we want to link GPA with placements)
* AI Tool Platforms -Usage data- AI Initiatives Team-How many students signed up, sessions completed, performance scores, number of practice interviews, student engagement levels.

**Template**

[JPT\_Usage Analysis and Placement tracker (1).xlsx](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/EeBQH1ps2TpIp2aDp5Jej6UBFbniFQ_wroM6JnoLt_fD5A?e=GQnOQ2)

**Dashboard 5: AI for TKT performance analysis**

Aim: To evaluate the effectiveness of tool AI for TKT exam and impact in students’ performance in TKT Exams

KPIs

* Average score of TKT Exam before and after AI for TKT exam preparation was introduced.
* Grades Before and After AI for TKT
  + - Bar chart (Side by side): Grades before and after AI for TKT program wise
    - Line chart/ Trend graph: Average grade trend before and after AI for TKT exam on different cohorts

KPI Cards: % increase in average grades, % increase in high scoring grades% improvement in scores (cohort wise)

**Template**

[AI\_for TKT exam Template.xlsx](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/EY3UjJFp-WlPiyZx9VUjOYgBb4rIUrZDTnJYwErvFdNpbA?e=lg4MHf)

**Dashboard 4: Unit wise performance analysis**

Aim: To compare student unit wise performance in their examinations after using AI Tutor, and highlight adoption, improvements, and areas needing attention.

KPIs

* Average Scores before and after AI Tutor
* % improvement in scores (unit wise, cohort wise)
* Top 10 units with maximum improvement

Visualizations

* Bar chart: Unit -Scores Before Vs After Score
* Line/Trend Chart: Average scores across cohorts over time.
* KPI Cards: % improvement

**Data Sources**

Scores: Examination /Assessment Office

Top 10 units: AI Tutor Usage Summary

**Template**

[unit wise performance analysis template](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/Ebeuu6QXsrZApgj3AqRkq-IBQOfUn395-Yf7hsF5L4vlUA?e=gFE86k)

**Dashboard 5: Impact of AI Initiatives in Students Placement**

Aim: To analyze the impact of AI Initiatives on students’ performance in placements and examinations

KPIs

* CGPA
* AI Tutor Usage
* AI Mentor Usage
* Yoodli Usage
* JPT Usage

Visualizations

* Box plot /Scatter plot -CGPA vs. Placement Outcomes
* Line chart or stacked area chart -AI Initiatives usage trend
* Grouped Bar chart – Placement Conversion Ratio (with vs. without AI Initiatives)
* Bubble Chart -Student-level performance (x axis-AI usage frequency axis -CGPA) Bubble size indicates placement status (hired = bigger bubble)

**Data Source**

CGPA- Examination office -Mr. Sanjay Patro and Team

AI Initiatives usage -AI Database

**Template**

[AI-initiatives impact.xlsx](https://spjainorg-my.sharepoint.com/:x:/g/personal/nayana_thanzeel_spjain_org/ERSUeUOz3ZNKoQQLFgev6wcB8MYQGMS7Ha2vFjrsCCkmgQ?e=W0004i)