

Employment Analytics Dashboard - Roadmap Documentation

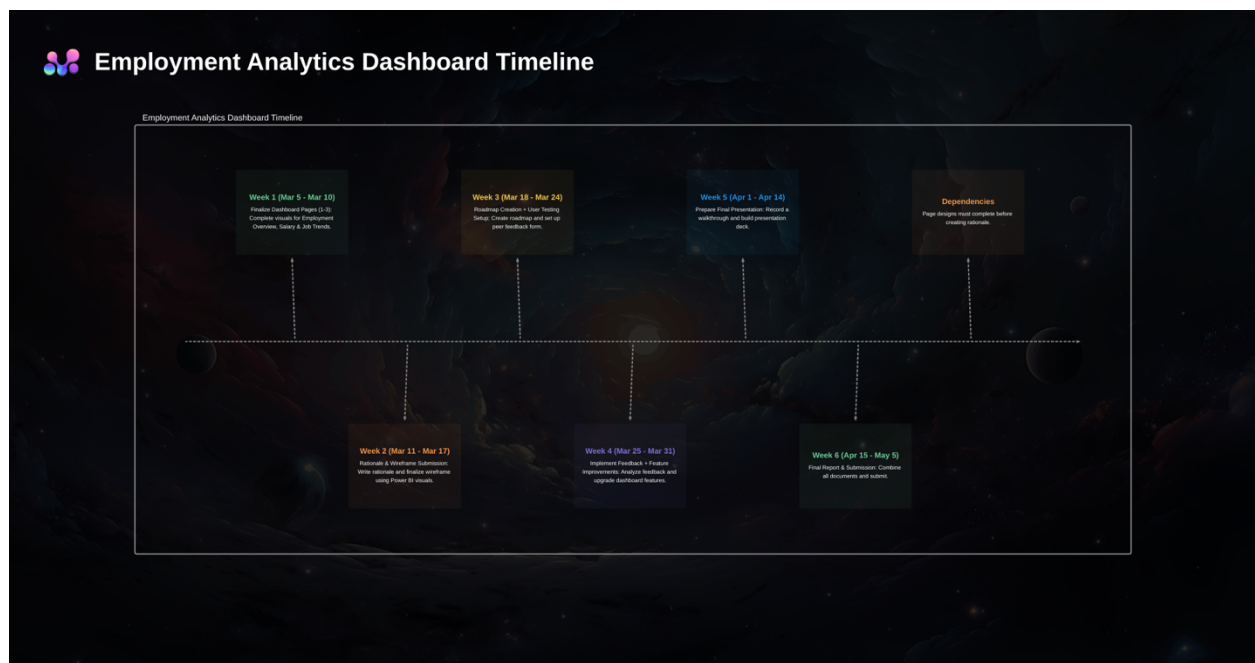
1. Introduction

The Employment Analytics Dashboard is a Power BI-based tool designed to provide career advisors with real-time job market insights, salary benchmarking, and industry trends. This roadmap outlines the detailed 6-week plan (March 5 – May 5, 2025), covering milestones, roles, responsibilities, dependencies, and risks.

2. Roadmap Scope & Purpose

- **Objective:** Develop and finalize a functional Power BI dashboard with interactive insights.
- **Time Frame:** 6 weeks (March 5, 2025 – May 5, 2025)
- **Outcome:** A fully operational dashboard, a rationale document, a project report, and a final presentation.

3. Detailed Weekly Breakdown



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Week 1 (March 5 – March 10) – Finalizing Dashboard Pages

Key Tasks:

Design and implement three Power BI pages:

- **Page 1: Employment Overview** – Job openings, salary stats, industry demand.
- **Page 2: Salary & Job Trends** – Salary comparison by job role, location, and remote work.
- **Page 3: Skills & Certifications** – Most in-demand skills and required certifications. Ensure **filters and interactions** are properly linked. Review dataset accuracy and optimize visuals.

How We Will Do It:

- Use **Power BI's data visualization tools** to create **interactive reports**.
- Cross-check with the dataset to avoid inconsistencies.
- Conduct **internal reviews** to refine layout and usability.

Week 2 (March 11 – March 17) – Rationale & Wireframe Submission

Key Tasks:

- Write a **200–300 word rationale** explaining dashboard design choices.
- Create **wireframe documentation** using Power BI visuals.
- Ensure the wireframe aligns with user needs (career advisors, job seekers).

How We Will Do It:

- Export **static Power BI mockups** to use as wireframes.
- Justify design decisions in a clear document (PDF/Word).
- Ensure clarity and usability through feedback from peers.

Week 3 (March 18 – March 24) – Roadmap Creation & User Testing Setup

Key Tasks:

- Develop a **detailed roadmap** (this document) to guide project execution.
- Set up **peer feedback forms** for dashboard usability testing.
- Align all team members on project milestones.

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How We Will Do It:

- Use **PlantUML** or **Canva** to design a structured roadmap.
- Create **Google Forms/MS Teams surveys** for structured feedback.
- Conduct an **internal review meeting** to confirm timelines.

Week 4 (March 25 – March 31) – Implement Feedback & Feature Improvements

Key Tasks:

- Collect and analyze **peer feedback**.
- Improve dashboard based on feedback (e.g., layout adjustments, new features).
- Explore **AI-based forecasting** if feasible.

How We Will Do It:

- Aggregate responses from user feedback surveys.
- Prioritize and implement **quick fixes** (e.g., better filters, clearer charts).
- Test potential **AI forecasting** within Power BI using **DAX** calculations.

Week 5 (April 1 – April 14) – Prepare Final Presentation

Key Tasks:

- Create a **PowerPoint presentation** explaining the dashboard.
- Record a **3–5 min walkthrough video**.
- Highlight insights, user benefits, and data-driven trends.

How We Will Do It:

- Use **PowerPoint, OBS, or Loom** for recording.
- Ensure the script covers **dashboard functionality and impact**.
- Test the video for clarity and engagement.

Week 6 (April 15 – May 5) – Final Report & Submission

Key Tasks:

- Compile **all documents (rationale, roadmap, testing feedback, final report)**.
- Submit the **final project** including dashboard files and presentation.
- Ensure **all team members review** before submission.

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How We Will Do It:

- Collect and organize **all reports, feedback, and visuals**.
- Format the final document for readability (PDF/Word).
- Cross-check submission guidelines for completeness.

4. Roles & Responsibilities

Task	Responsible Team Member	Tools Used
Dashboard Design	Sujan Buddha	Power BI, Dataset
Rationale & Wireframe	Suneel Kumar	Word, PowerPoint
Roadmap Documentation	Pavan Gunnam	PlantUML, Canva
Feedback & Testing	Sai Krishna Teja	Google Forms, MS Teams
Feature Enhancements	Vikas Reddy	Power BI, DAX
Presentation Video	Sujan Buddha	OBS, Loom, PowerPoint
Final Compilation & Submission	Vikas Reddy	Word, PDF

5. Dependencies & Risks

Key Dependencies:

- Dashboard designs must be completed **before rationale submission**.
- Feedback collection is **required before feature improvements**.
- The **final report depends on completed presentations and testing**.

Potential Risks & Mitigation:

Risk	Mitigation Strategy
Time constraints	Weekly progress checks & early submission buffer
Feature delays	Prioritize core functionalities before enhancements
Incomplete user testing	Ensure early testing rounds & buffer for revisions
Technical limitations in Power BI	Use alternative tools or static visuals when needed

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6. Conclusion

The Employment Analytics Dashboard roadmap provides a structured approach to completing the project within six weeks. With clear milestones, defined roles, and risk management strategies, we ensure a smooth and successful execution. This document will be used as a guiding framework throughout the project.

Link to Kanban Board:

<https://kagithasaikrishnateja.atlassian.net/jira/software/projects/KAN/boards/2?atlOrigin=eyJpIjo7iYTM0YjMyZmM4MzJhNGRlM2EyMjM3ZmRmMWQyMjI0NWliLCJwIjoiaj9>