



# Employability Analytics Dashboard

**PRESENTED BY : TEAM 9**

DEEPAK REDDY BALANNAGARI

MOHANA MADDI

SAI KUMAR CHEBOLU

SINDU MADHARAPU

VISHAL PHANI PARAPATLA

# PROJECT OBJECTIVE

The Employability Analytics Dashboard is built using Power BI to assist HR professionals and job seekers in understanding the IT job market. It focuses on:

- Candidate evaluation
- Salary benchmarking
- Demand forecasting
- Market and geographic trends





# CANDIDATE INSIGHTS

- Total candidates and shortlisted count
- Experience level distribution
- Work preference (Remote/On-site/Hybrid)
- Filters for job role, education, experience

# Candidate Rating System

Candidate rating is calculated based on:

- Experience Level (Max 30)
- Education Level (Max 35)
- Certification (Max 20)
- Skill (Max 15)
- Work Authorization (Max 10)

Displayed using a Gauge visual and a sorted table of top candidates.





# SALARY INSIGHTS

- Line chart showing expected vs actual salaries over time
- Bar chart of average salaries by role
- Gauge for salary gap
- Salary range distribution (column chart)

# Market Trends



- Heatmap showing job demand by location
- Bar chart for top primary skills
- Removed date slicer and added donut chart:

## Market Demand Breakdown

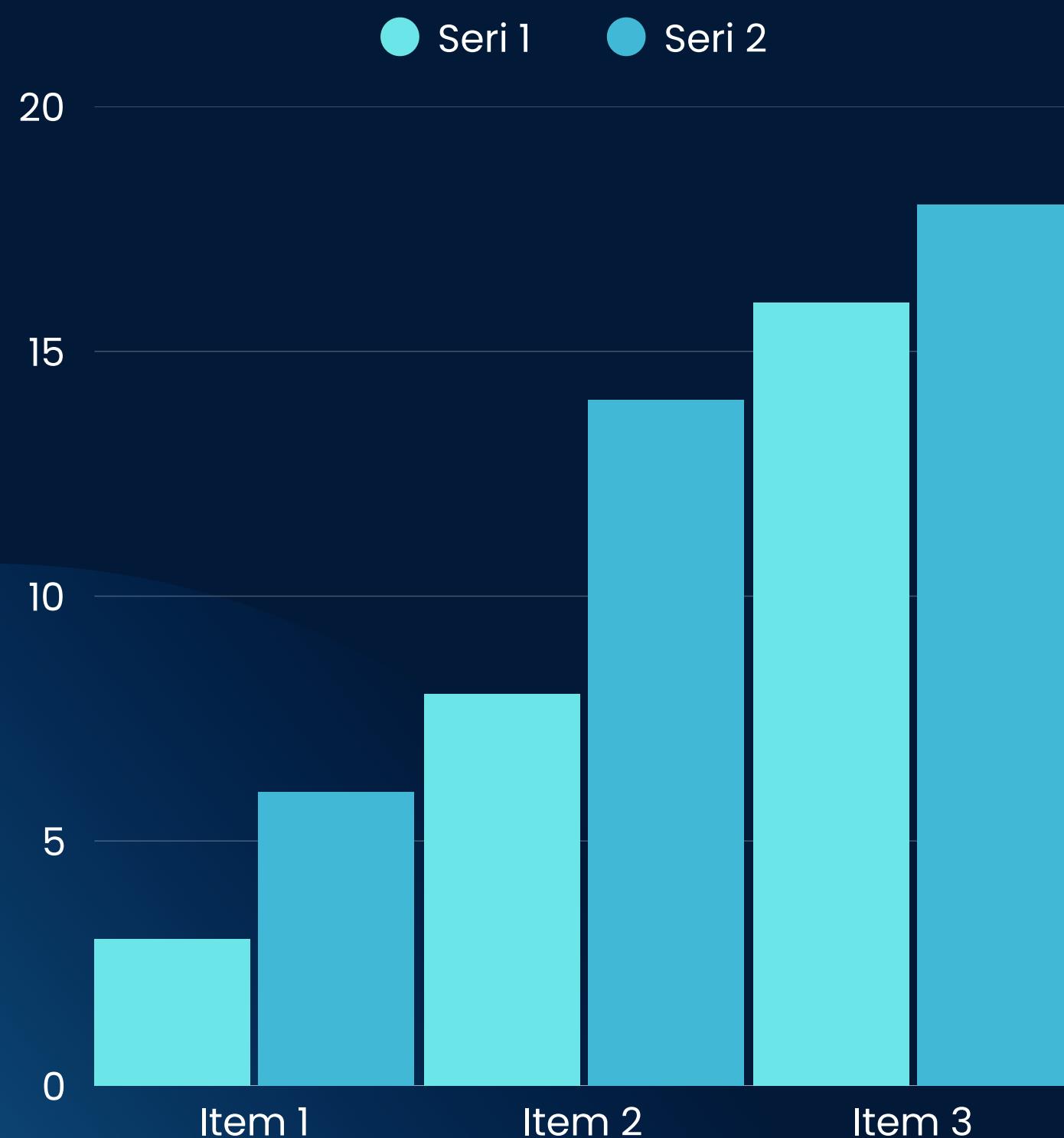
- Filters for demand level and posting date

# Candidate Distribution by Location

- Bar chart showing candidate count by city/state
  - Adds geographic insight for recruiters
  - Filterable by role, experience, and work preference



# Job Postings & Application Analysis



- Line chart for job postings over time
- Bar chart for applications per month
- Funnel chart visualizing stages: Posted → Hired
- Cards for total openings and applications received



# FILTERS AND INTERACTIVITY

- Global slicers synced across pages (Role, Location, Date, etc.)
- Clear Filter button using bookmarks
- Consistent layout and theme for better usability



## VALIDATION & TRACEABILITY

- All visuals linked to requirements in the project charter
- DAX calculations verified manually
- Filters tested for accurate interaction
- Traceability matrix maps each dashboard element to user needs



THANK YOU