

One-Pager: Insights & Visualization from Blue Dots Job Seeker Data

1. Overview

The processed Blue Dots dataset consolidates job seeker records from multiple unstructured sources into a standardized format aligned with the Blue Dots upload template. Each row represents one job seeker and supports both operational uploads and analytical insights.

2. Key Insights Expected

Talent Supply Insights

- Total job seeker pool size
- Course-wise and branch-wise distribution
- Identification of high-supply skill areas

Institution-Level Insights

- Job seekers per institution
- High-density institutions for hiring drives

Geographic Insights

- Regional clustering using institute addresses
- Identification of talent hubs

Data Quality Insights

- Source-wise record contribution
- Field completeness analysis

Operational Insights

- Faster employer-job seeker matching
- Optimized placement planning

3. BI Visualization Plan

Tool: Google Looker Studio

Data Source: Processed Blue Dots Excel uploaded to Google Sheets

Dashboards

- KPI overview (total job seekers, institutions)

- Branch-wise bar chart
- Course-wise donut chart
- Institution-wise ranked table
- Map view for blue dot clustering

Access:

Dashboard shared via view-only Looker Studio link embedded in documentation.

4. Generalized Automation Approach (Optional)**Steps:**

1. Ingest data from any format
2. Discover schema & map fields
3. Standardize & clean data
4. Validate mandatory fields
5. Align with Blue Dots template
6. Output upload-ready structured file

Conclusion

This approach ensures scalable, reliable transformation of unstructured data into a structured analytical asset, enabling efficient bulk uploads and data-driven workforce planning.