| **Requirement (from Charter)** | **Information Needed** | **Visual Output (Type)** | **Interactivity/Filters** | **Validation Method** |
| --- | --- | --- | --- | --- |
| Identify in-demand skills | skill\_abr, job\_id | Bar chart of job count by skill | Skill slicer | Check if skill bar count matches job ID volume |
| Show average salaries | med\_salary, title, formatted\_experience\_level | KPI cards + bar chart + donut | Salary field, role filter | Validate against salary dataset (min, max, avg checks) |
| Explore job opportunities by location | location, job\_id | Line chart of job count by city | Location slicer | Cross-checked with location field values |
| Differentiate remote vs on-site jobs | remote\_allowed field | Pie chart (Remote vs On-site) | Remote option legend | Blank = On-site, 1 = Remote confirmed |
| Company hiring trends | company\_name, job\_id | Company bar chart | Company slicer | Count of job IDs filtered by company name |
| Skills required per company | skills\_desc, company\_id | Bar chart of skills per selected company | Company name slicer | Match skill descriptions against selected employer |
| Job postings over time | listed\_time (converted) | Line chart of job count per day | — | Converted Unix time to readable date |
| Salary by experience level | formatted\_experience\_level, max\_salary | Donut chart or table | Experience filter | Aggregation of salary validated per level |
| Jobs by industry | industry\_name, job\_id | Column chart | Industry slicer | Counts match industry-grouped postings |