| **Thank you** | **for taking out time for this interview** |
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| Hi | I am Prathamesh Joshi |
| I was born | in Mumbai and completed my schooling there |
| After that | I did my under graduation from IIT Varanasi |
| In 2019 | I got placed at Axtria |
| In 2022 | I went for further studies at UMich in US |
| Currently | I am working with Leger Labs |

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|  | as a data analyst at Axtria, my role was to develop a  **FEEDBACK TRACKER AND TASK PROGRESS MONITOR**  for to serve as a CRM for our client. My task was   1. **develop and manage feedback tracker** for various cycles every quarter which involved: backend, front end coding 2. Ensured seamless functionality and alignment with client requirements through custom coding and iterative improvements.   2. releasing **documents** and granting user permissions as per the client requirement  3. submitting **reports** and making dashboards from the user data and from pharmaceutical sales data base provided by the client |
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|  | 1. **Outlier Detection Visualization:** Developed scatter plots and heatmaps to pinpoint outliers in financial metrics (e.g., delayed payments, high-risk loans). 2. **Dynamic Reporting:** Enabled stakeholders to filter data by region, time period, or loan type, ensuring quick insights during audits. 3. **Automation:** Leveraged Tableau's real-time data integration to refresh dashboards automatically, cutting report generation time by 20%. 4. Tableau's live vs Extract connection feature to connect directly to real-time databases 5. Monitor dashboard performance for real-time updates, especially with large datasets. Use Tableau’s **Performance Recording** to identify bottlenecks. 6. Optimize SQL queries or data pipelines to minimize latency. |
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|  | 1. **Indexing:** Index columns used in WHERE, JOIN, or ORDER BY clauses. 2. **Avoid SELECT \***: Retrieve only the required columns. 3. **Efficient Filtering:** Apply WHERE conditions early; use proper aggregations like SUM or COUNT. 4. **JOIN Optimization:** Use indexed keys and prefer INNER JOIN. 5. **Limit Results:** Use LIMIT or TOP to reduce rows. 6. **Temporary Tables/CTEs:** Simplify queries by splitting into smaller steps. 7. **Partition Tables:** Segment large tables by date or region for faster access. 8. **Analyze Execution Plans:** Identify and fix slow operations. |
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|  | Daily schedule  Scrum meeting with Manager  Work on the urgent / high priority tasks arrived from the previous day  Connect with business team / product team for meeting requirements  Connect with design team to help resolve issues which I have for maintenance  Train juniors and monitor their progress  Evening call with US team / client side to identify pain points |
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|  | k-12  behaviour: presentation to stakeholders  model evaluation  focus on power bi and tableau  tooltips, bookmarks  window functions |

**1. ACT Test**

* **Purpose**: A standardized college admissions test assessing skills in English, Math, Reading, Science, and Writing (optional).
* **Target Audience**: High school students aiming for college admissions.

**2. ACT WorkKeys**

* **Purpose**: Workforce readiness assessment measuring job skills for various industries.
* **Certificates**: Offers the **National Career Readiness Certificate (NCRC)** to validate workplace skills.

**3. ACT Aspire**

* **Purpose**: A longitudinal assessment system designed to measure students’ progress from grades 3-10.
* **Subjects**: Covers English, Math, Reading, Science, and Writing.
* **Goal**: Helps educators track and predict college and career readiness.

**4. ACT Tessera**

* **Purpose**: A tool for assessing social and emotional learning (SEL) skills like teamwork, leadership, and resilience.
* **Audience**: K-12 students.

**5. Mosaic by ACT**

* **Purpose**: A comprehensive learning platform combining assessments, professional development, and curriculum planning for schools.
* **Modules**: Focuses on student growth and educator support.

**6. ACT College and Career Readiness Solutions**

* **Purpose**: Provides tools and resources for schools and districts to improve college and career readiness.

**7. ACT Superscoring**

* **Purpose**: Allows students to combine their best section scores across multiple ACT test attempts to create a "superscore" for college admissions.

**8. ACT Online Prep**

* **Purpose**: An online test preparation platform for the ACT test.
* **Features**: Practice tests, lessons, and personalized learning plans.

**9. ACT International Programs**

* **Purpose**: Helps international students access U.S. educational and workforce opportunities.
* **Services**: Includes testing and readiness solutions for global markets.

**10. Professional and Consulting Services**

* **Purpose**: Provides research, analytics, and consulting for schools and organizations on education trends and workforce readiness.

**Summary**

ACT products cater to both educational and professional contexts, focusing on academic assessments, career readiness, and student development. Their tools serve a wide range of audiences, from K-12 students and educators to job seekers and employers.