

Lessons Learned

EDA: Web App for Efficient Exploratory Data Analysis

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| WIN or ISSUE | Describe What Happened | What Was the Impact? | How Does This Change Future Projects? | Action Items |
|---|--|--|---|---|
| WIN: Early Stakeholder Engagement | Regular stakeholder meetings ensured alignment on project goals. | Avoided scope creep and improved clarity in requirements. | Continue regular stakeholder engagement. | Schedule bi-weekly stakeholder updates. |
| ISSUE: Limited Dataset Size Handling | File size limits restricted the app's usability for larger datasets. | Reduced the app's appeal to organizations handling large datasets. | Invest in infrastructure to support higher data limits in future releases. | Explore scalable storage solutions. |
| WIN: Intuitive UI Design | Users appreciated the simple and user-friendly interface. | Improved user satisfaction and adoption. | Prioritize user feedback in design phases of future projects. | Plan user feedback sessions during design prototyping. |
| ISSUE: Limited Technology Stack | The use of a basic tech stack restricted scalability and advanced features like non-CSV file support.. | Reduced appeal for advanced users with complex needs. | Evaluate and adopt a scalable tech stack for future projects. | Research modern frameworks and cloud services for better scalability. |
| WIN: Efficient Team Collaboration | Regular updates and clear roles ensured smooth teamwork across all phases. | Improved productivity and on-time delivery of tasks within each phase. | Use project management tools and clear communication protocols in all projects. | Implement tools like Jira or Trello and schedule regular team meetings. |