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Date	Milestone	Expected Outputs
2026-09-18	Challenge Selection	Choose and share your top-3 preferred data-driven challenges via email to mads4engineering@isep.ipp.pt
2026-09-25	Business Understanding	Challenge description, stakeholder map, problem statement, objectives, success criteria and project scope
2026-10-02	User Understanding	Personas, user journeys, value proposition and initial requirements
2026-10-09	Data Understanding	Data inventory, data source assessment, data quality assessment and exploratory data analysis
2026-10-16	Solution Vision and Data Model	Solution vision, key functionalities, conceptual data model and information architecture
2026-10-23	UX/UI Prototype	User stories, wireframes, navigation flows and low-fidelity prototype
2026-10-30	Development Planning	System architecture, GitHub repository, Jira board, product backlog, release roadmap and sprint plan
2026-11-04	Interim Deliverables	Upload the Interim Report and Presentation to the wiki (Deliverables)
2026-11-05	Interim Presentation	Presentation, discussion and peer, teacher and supervisor feedback
2026-11-13	Interim Report Revision	Upload the refined Interim Report (based on feedback)
2026-11-20	Technical Architecture and Modelling	Backend data model, data processing pipeline, analytics components, API specification and architecture diagram
2026-11-27	Minimum Viable Product (MVP)	Functional prototype and demonstration video
2026-12-04	Validation and Evaluation	User testing results, usability evaluation, validation against requirements, performance assessment and improvement plan
2026-12-11	Final Deliverables	Upload the Final Report, Presentation, Poster, Video, Technical-Scientific Paper, User Manual and Deployment Instructions to the wiki (Deliverables)
2026-12-17	Final Presentation	Final presentation, demonstration and assessment (reserve the whole day)
2026-12-18	Closing Session	Demonstration of the prototype; receive the MADS4Engineering certificate; bring and share typical food from your country

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