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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
	Project Management	GitHub repository, Jira board, initial product backlog, release roadmap and sprint plan
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
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) to the wiki (Deliverables)
2026-11-20	Technical Architecture and Modelling	Backend data model, data processing pipeline, analytics components, API specification, architecture diagram and updated GitHub repository
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) and to MS Teams
		Ensure the GitHub repository contains the final source code (models, Frontend, Backend APIs, databases), datasets, and documentation
2026-12-17	Final Presentation	Final presentation, demonstration and assessment (reserve the whole day)
2026-12-18	Closing Session	Demonstration of the prototype; final GitHub repository available; receive the MADS4Engineering certificate; bring and share typical food from your country

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