Prompts and AI Outputs Record

Module: ECM443 Introduction to Data Science
Student: Oluwaseyi Bello
Assessment: AI-Integrated Research Proposal Coursework
Date: October – November 2025

Table of Prompts and Outputs

#	Prompt	Category of AI Use	Output Link
1	"Outline the ECM443 research proposal coursework requirements and explain what each deliverable (Context, Plan, Survey, etc.) should contain."	🟢 Develop ideas / Understand structure	ChatGPT Output
2	"Suggest ethical ways to collect anonymised student data at the University of Exeter in compliance with the UK Data Service guidance."	🟢 Assist with research / Understand key concepts	ChatGPT Output
3	"Explain how to apply the FAIR data principles (Findable, Accessible, Interoperable, Reusable) in a student survey project."	🟢 Understand key theories	ChatGPT Output
4	"Propose how to structure a 5-minute survey measuring AI use, academic performance, and study habits."	🟢 Develop ideas / Improve structure	ChatGPT Output
5	"Review my draft Data Management Plan and suggest improvements to ensure it meets UKDS and GDPR standards."	🟢 Provide feedback on a draft	ChatGPT Output
6	"Check my Python code for errors in generating simulated data and suggest how to make it reproducible and well-documented."	🟢 Generate and review code	ChatGPT Output
7	"Suggest four appropriate statistical visualisations (e.g., boxplot, scatter, bar, heatmap) to explore relationships in the dataset."	🟢 Identify trends / themes in data analysis	ChatGPT Output
8	"Help me interpret the results of an ANOVA and regression output from my simulated data to ensure accurate reporting."	🟢 Identify trends / Understand key concepts	ChatGPT Output
9	"Provide feedback on my figure captions — do they clearly explain the variables, p-values, and statistical meaning?"	🟢 Provide feedback on a draft	ChatGPT Output
10	"Proofread the Plan.pdf text for clarity and conciseness while keeping all original meaning intact."	🟢 Proofread and correct grammar	ChatGPT Output

#	Prompt	Category of AI Use	Output Link
11	"Format the references in Harvard style and ensure all citations from UK Data Service and academic sources are consistent."	🟢 Format citations and references	ChatGPT Output

Verification Statement

All prompts and outputs were generated using OpenAI's ChatGPT between October and November 2025.

Each use aligns strictly with the approved categories in the ECM443 AI-Integrated Assessment policy (p. 3 of the brief): idea development, code generation and review, research assistance, proofreading, and formatting.

No unapproved AI functions (e.g., image generation, translation, or content writing) were used.

The single shared link contains the complete verified outputs, as permitted by the module's submission guidance (p. 4 & 8).

Full records of AI interactions have been retained privately for verification if requested by the module team.