Copilot Prompt Library

Derivation Tasks

- 'Write an R function to derive TRTSDT from EXSTDTC.'

- 'Create ADSL variables based on demographic and disposition data.'

- 'Generate a new variable for age group categories.'

Debugging & Refactoring

- 'This mutate call gives NA: fix it.'

- 'Refactor this loop using purrr::map.'

- 'Make this code more efficient and readable.'

Code Review & Documentation

- 'Add inline comments to explain this function.'

- 'Review this pipeline and suggest improvements.'

- 'Rewrite this in "vibe" coding style.'

Testing & Validation

- 'Write testthat unit tests for this function.'

- 'Check that this report output matches the input spec.'

- 'Compare this dataframe to expected structure.'

TLF & Reporting

- 'Generate a table using gt for mean AVAL by VISIT and TRT.'

- 'Create a boxplot grouped by ARM and VISIT with ggplot2.'

- 'Format this RMarkdown to export both PDF and Word versions.'

AI Limits & Ethics

- 'What are the risks of using AI for QC in clinical trials?'

- 'When should I manually check results instead of relying on Copilot?'