

AI Usage Card for IVDA Group Project G2



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| PROJECT DETAILS | PROJECT NAME IVDA Group Project G2 | DOMAIN University Project | KEY APPLICATION Interactive Visual Data Analysis |
| CONTACT(S) | NAME(S) Patrick Sproll Dionigi Rodriguez Cyril Smetanka | EMAIL(S) patrick.sproll@econ.uzh.ch dionigi.rodriguez@uzh.ch cyril.smetanka@uzh.ch | AFFILIATION(S) University of Zürich (UZH) University of Zürich (UZH) University of Zürich (UZH) |
| MODEL(S) | MODEL NAME(S) Github Copilot, Gemnini 3 Pro | VERSION(S) latest | |
| IDEATION | GENERATING IDEAS, OUTLINES, AND WORKFLOWS | IMPROVING EXISTING IDEAS | FINDING GAPS OR COMPARE ASPECTS OF IDEAS |
| LITERATURE REVIEW | FINDING LITERATURE | FINDING EXAMPLES FROM KNOWN LITERATURE OR ADDING LITERATURE FOR EXISTING STATEMENTS | COMPARING LITERATURE |
| METHODOLOGY | PROPOSING NEW SOLUTIONS TO PROBLEMS | FINDING ITERATIVE OPTIMIZATIONS | COMPARING RELATED SOLUTIONS |
| EXPERIMENTS | DESIGNING NEW EXPERIMENTS | EDITING EXISTING EXPERIMENTS | FINDING, COMPARING, AND AGGREGATING RESULTS |
| WRITING | GENERATING NEW TEXT BASED ON INSTRUCTIONS | ASSISTING IN IMPROVING OWN CONTENT OR PARAPHRASING RELATED WORK | PUTTING OTHER WORKS IN PERSPECTIVE |
| PRESENTATION | GENERATING NEW ARTIFACTS | IMPROVING THE AESTHETICS OF ARTIFACTS Github Copilot | FINDING RELATIONS BETWEEN OWN OR RELATED ARTIFACTS |
| CODING | GENERATING NEW CODE BASED ON DESCRIPTIONS OR EXISTING CODE Github Copilot | REFACTORING AND OPTIMIZING EXISTING CODE Github Copilot | COMPARING ASPECTS OF EXISTING CODE |
| DATA | SUGGESTING NEW SOURCES FOR DATA COLLECTION Gemnini 3 Pro (generation) | CLEANING, NORMALIZING, OR STANDARDIZING DATA Github Copilot | FINDING RELATIONS BETWEEN DATA AND COLLECTION METHODS |
| ETHICS | WHY DID WE USE AI FOR THIS PROJECT? Consistency Efficiency / Speed Expertise Access Datageneration for POC | WHAT STEPS ARE WE TAKING TO MITIGATE ERRORS OF AI? Prototype, for internal use only, non-critical application area | WHAT STEPS ARE WE TAKING TO MINIMIZE THE CHANCE OF HARM OR INAPPROPRIATE USE OF AI? Not releasing the tool into the open. |

