# Research & Preparation Workflow for Presentations

## Step 1. Receive the research question and sub-questions

Clarify scope, boundaries, and assessment criteria. Identify which sub-questions connect directly to course learning outcomes.

## Step 2. Use AI to sketch out a presentation format

Ask for an outline: introduction, thematic sections, case studies, conclusion. Ensure each section maps to Claim → Evidence → However (limit) → Implication.

## Step 3. Verify format with at least three other AI systems

Compare outlines to check consistency, missing angles, and alternative framings. Note divergences to refine scope.

## Step 4. Use AI to identify the first key prolific author

Search by keywords linked to your topic. Select an author with repeated citations across the field.

## Step 5. Build a bibliography

Combine library databases, collected papers, and AI-assisted discovery. Check against Maynooth Harvard referencing requirements. Use connected-papers, inciteful.xyz and research rabbit.

## Step 6. Download the papers

Store in a structured folder system. Maintain a reference management database for citations.

## Step 7. Use AI to analyse each paper in DIMERS format

For each source: Describe, Interpret, Methodology, Evaluate, (Autho)R. End with Limit → Implication.

## Step 8. Extract into presentation format + DIMERS

For each finding, log where it fits in the presentation. Keep an Evidence & Implication Log.

## Step 9. Extract quotations and citations

Collect direct quotes with page numbers. Tag each quote to the slide/section it supports.

## Step 10. Maintain a single consolidated file

File contains all extracted info structured in DIMERS format. This becomes the master dataset to draft slides and notes.

Ensure that AI is constantly reviewing for a critical perspective. Analytical and not descriptive.