## Five key components of a project summary

- 1. Problem description and significance in clear statements.
- 2. (Prior) state of the art (SOTA): existing knowledge, methodologies, limitation or gaps; formally cite credible and updated sources with a bibliography.
- 3. The objective and method of this particular project: a novel approach, or a novel interpretation, understanding or use of existing approaches.
- 4. Results. On analytical results, clarify conditions and conclusions. On experimental results, specify metrics and design plots, tables, maps or images for overview. On program products, deliver clean, well-documented, working codes.
- 5. Conclusion & discussion: a summary of key findings, including advances made, remaining limitations, or lessons learned (in learned lessons, we turn negative results to positive experience and knowledge).
  - Acknowledgement. Formerly acknowledge others for critical guidance, suggestions, comments and help, or funding, in brief statements.

The key elements also apply to a summary slide presentation. Check the listed key items before submitting a project summary. In addition to the problem and solution, a project summary also reflects the author's scholarly knowledge, aptitude, skills, experience and integrity.