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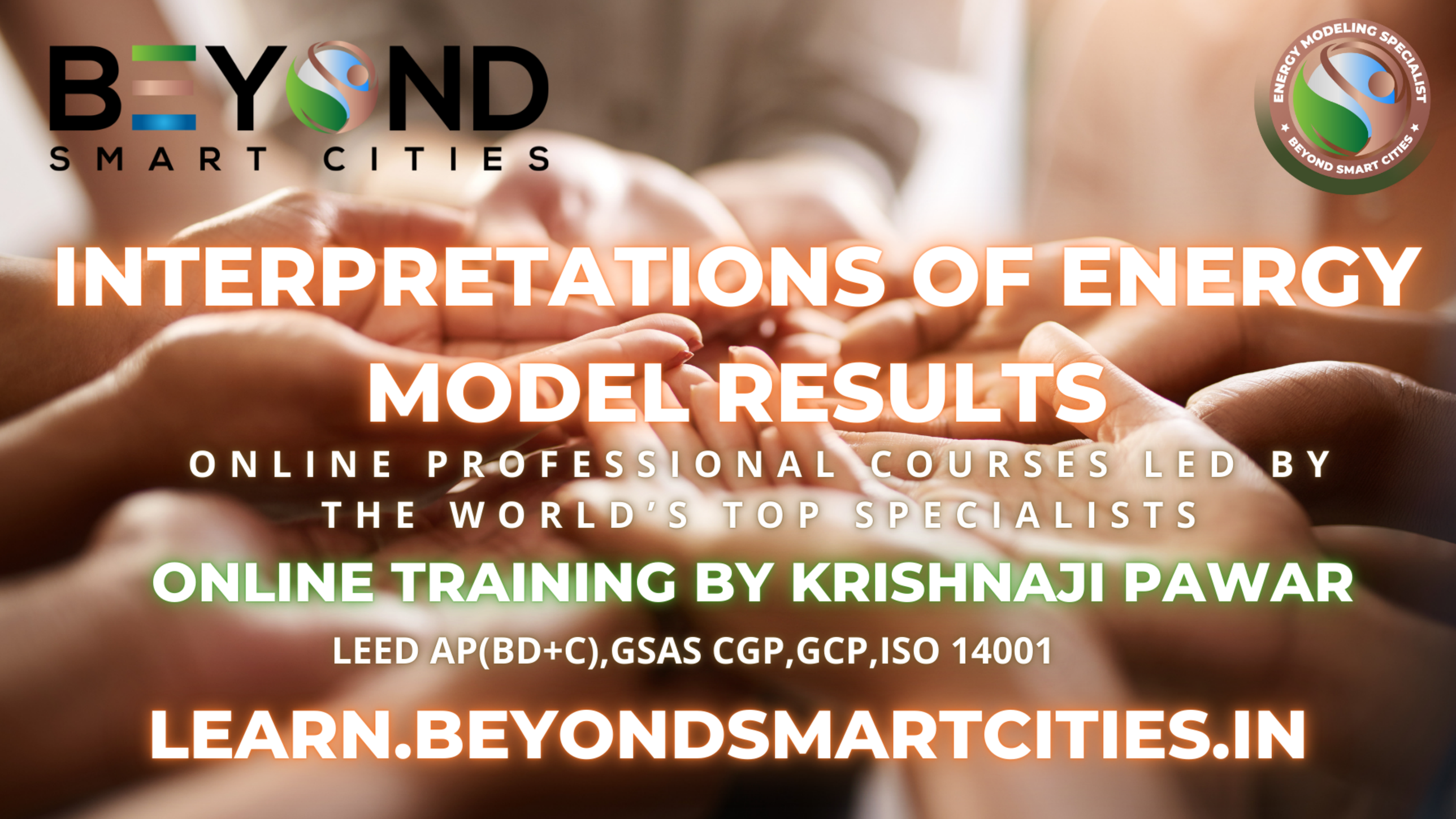
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ENERGY MODELING SPECIALIST
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INTERPRETATIONS OF ENERGY MODEL RESULTS
ONLINE PROFESSIONAL COURSES LED BY THE WORLD'S TOP SPECIALISTS
ONLINE TRAINING BY KRISHNAJI PAWAR
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MODULE L15

Communicating Modeling Results: Findings, Techniques, and Assumptions

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INTERPRETATIONS OF ENERGY MODEL RESULTS

Communicating modeling results is an essential skill that combines clarity, visual communication, and contextual understanding. By effectively conveying findings, employing suitable techniques, and transparently discussing assumptions, data practitioners can ensure that their analyses inform decision-making processes and drive meaningful actions.

Learning Objectives

- Introduction and Course Outline
- Verification and Fixing of Simulation Results
- Analyzing and Comparing Modeling Results
- Economic Analysis
- Sensitivity Analysis
- Exceptional calculation methods
- Communicating Modeling Results: Findings, Techniques, and Assumptions
- Interpreting Model Results
- Sample Energy Modeling Report
- Summary and Resources
- BEMP Practice Test V.5.1

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INTRODUCTION

- Importance of elucidating modeling results for stakeholders.
- Use of clear language, visual aids, and narrative techniques for effective communication.
- Importance of understanding and communicating assumptions for accurate interpretation of findings.
- Types of assumptions include statistical, domain, and modeling choices.
- Transparency in stating and discussing assumptions at the outset of the presentation.
- Understanding nuances of communication is crucial for bridging the gap between data science and practical application.

COMMUNICATING MODELING RESULTS: FINDINGS, TECHNIQUES, AND ASSUMPTIONS

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- The communication of modeling results is crucial in data science and predictive analytics.
- Findings are substantive insights and conclusions drawn from a modeling exercise.
- Examples include predictive accuracy, feature importance, and trends over time.

Communicating Findings

- Clear and concise language, visual aids like graphs, charts, and tables are used to effectively communicate findings.
- Narrative techniques involve crafting a compelling story around the data, guiding the audience through the modeling process, findings, and implications.

TAILORING THE MESSAGE

- Different audiences require different levels of technical detail.
- A business-oriented presentation should focus on implications and actionable insights.

Assumptions in Modeling

- Assumptions are the foundational premises upon which models are built.
- Types of Assumptions include statistical Assumptions, Domain Assumptions, and Modeling Choices.
- Effectively communicating assumptions involves clearly stating them at the outset of the presentation and discussing their implications on the findings.

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CONCLUSION

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- Communicating modeling results is an essential skill that combines clarity, visual communication, and contextual understanding.
- Understanding the nuances of communication within this context is critical in bridging the gap between data science and practical application.

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