FOReSiGHT

TEACHING NOTE for an in-person or hybrid class

Course Title: Algorithmic Governance for Policy Makers

Teaching Objectives:

To understand the concept of algorithmic governance and its implications in decision-making and societal control.
To explore the role of public values in the legitimate use of algorithms by government.
To discuss the potential risks and benefits of deploying AI in cities.

Teaching Strategy:

The module will be taught using a combination of lectures, discussions, and case studies. The lectures will provide the theoretical background on algorithmic governance, while the discussions and case studies will allow students to apply these concepts to real-world scenarios.

Class 1: Introduction to Algorithmic Governance

Start with a lecture on the basics of algorithmic governance.
Discuss the key ingredients of decision-making: prediction and judgement.
Use the "Power and Prediction: The Disruptive Economics of Artificial Intelligence" reading as a basis for discussion.

Class 2: Public Values and Algorithmic Governance

Begin with a lecture on the role of public values in algorithmic governance.
Discuss the increasing preference for AI decision-making in politics, using the European Tech Insights as a basis for discussion.
Encourage students to debate the implications of this trend.

Class 3: AI Regulations and Risk Assessment Tools

Lecture on the history and evolution of algorithmic governance and regulation.
Discuss various regulations and risk assessment tools for AI.
Use case studies to illustrate how these regulations are applied in practice.

Class 4: AI in Cities: Risks, Applications, and Governance

Begin with a lecture on the implications of AI deployment in cities.
Discuss the potential risks and benefits, using real-world examples.
Encourage students to propose their own solutions for mitigating risks and maximizing benefits.

Proposed Assessment:

Class Participation (20%): Students will be assessed on their active participation in class discussions.

Mid-Term Essay (40%): Students will write an essay on a topic related to algorithmic governance.

Final Project (40%): Students will analyze a real-world application of AI in governance, discussing its implications, risks, and benefits.