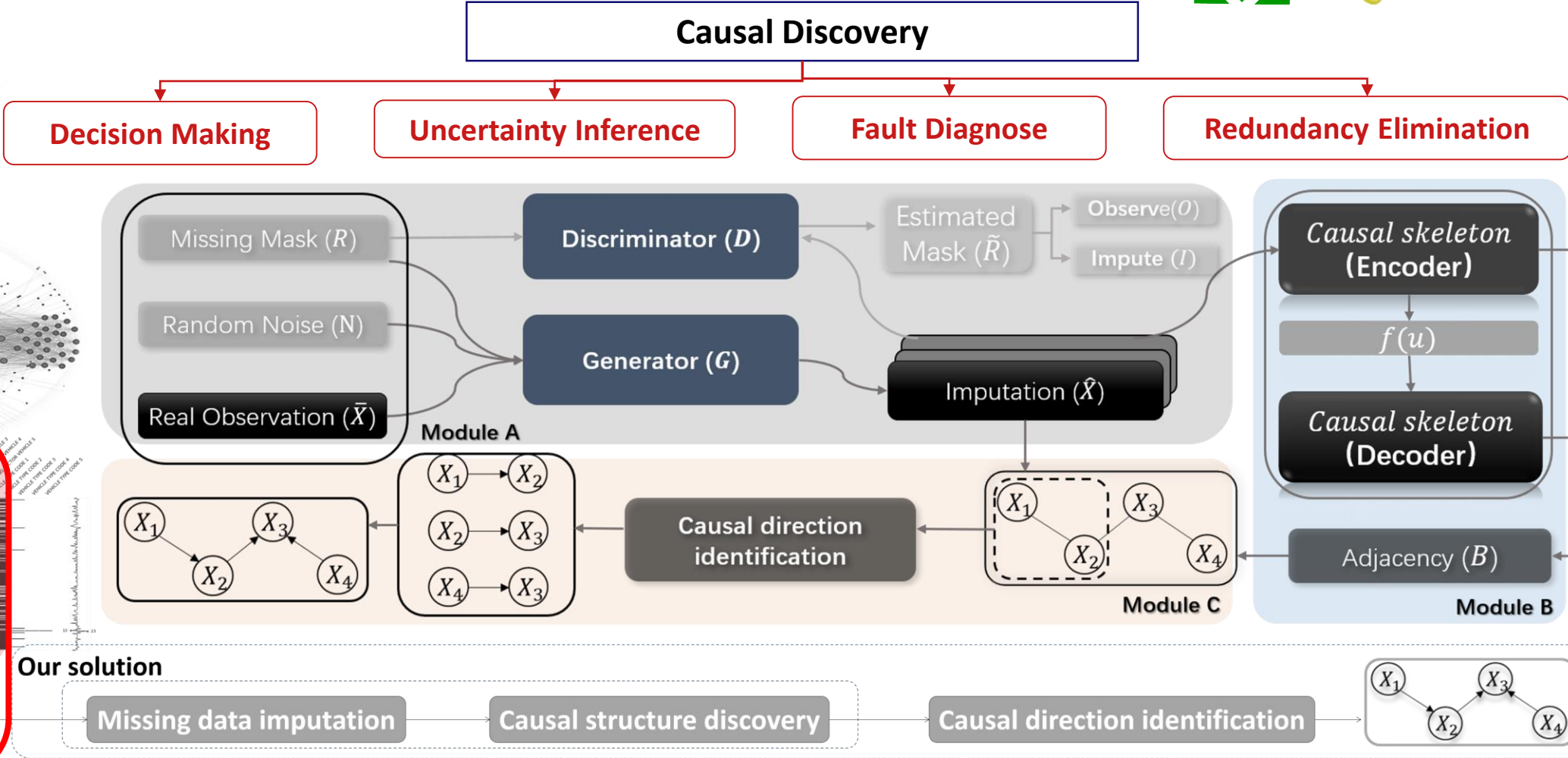
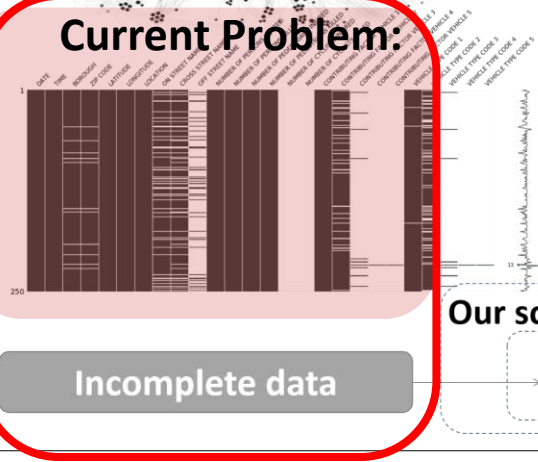


# Causal Discovery from Incomplete Data: A Deep Learning Approach

Yuhao Wang<sup>1</sup>, Vlado Menkovski<sup>1</sup>, Hao Wang<sup>2</sup>, Xin Du<sup>1</sup>, Mykola Pechenizkiy<sup>1</sup>

<sup>1</sup>Eindhoven University of Technology, Netherlands <sup>2</sup>Massachusetts Institute of Technology, US

{y.wang9, v.menkovski, x.du, m.pechenizkiy}@tue.nl, hoguewang@gmail.com



- Missing data are ubiquitous;
- Existing algorithms on partially observed data may lead to the **incorrect inference**.

**Our Solution:** A deep learning framework dubbed **Imputed Causal Learning (ICL)**