



ICTS Seminar

Title : Probabilistic choice models and AI/ML

Speaker : Amit Deshpande (Microsoft Research)

Date : Friday, 07 February 2025

Time : 11:00 AM (IST)

Abstract : Modeling preference data over multiple choices is useful in voting, search, recommendations, economics, and more recently, in the feedback used to improve AI models. In this talk, I will give a quick overview of some probabilistic choice models such as Bradley-Terry and Plackett-Luce. We will rederive their nice mathematical properties (e.g., IIA or Independence of Irrelevant Alternatives), highlight a few of their limitations (e.g., IIA), and explore newer extensions tailored to fair ranking, AI alignment and finetuning.

Venue : Madhava Lecture Hall

Zoom Link: <https://icts-res-in.zoom.us/j/91503040475?pwd=zNTGnlTnSCam40q7bjVNDfMBGu7aUa.1>

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