

Mapping the Issue: Using Machine Learning for University Admission

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Goal: To formulate guidelines for a bias-aware admission procedure, for academia, using artificial-intelligence.

Method: A qualitative review of the admission process, drawing from Socio-Technical methodologies.

1 Is there a problem at all?

★ University of Texas, USA, 2013-2020:
 “Using AI to determine which researchers to **recruit**”
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 The system, called GRADE, only exacerbated existing **bias and inequality**.

★ UK during Covid-19, 2020:
 “No school? Let’s **predict** grades using AI.”
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 Grades were **biased**, based on the school which students came from, rather than being derived from their own achievements.



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Value Sensitive Design Methodology

