plecup: Uhsupourized + heinforcement learning
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to other topic: Buy asi sm methods
7.00
Decision trees
Boosting + Inggling
graphical models
Online Coming
Semi-Supervised learning
* Fairness in ML
security in ML
<b>,</b>
Ethics in ML
<b>伦理</b>
Fairness
) darros
Example: Decide who to give loans } y
Bused on . Age Gondar young in one zip onle pace
FILO score . Monthly expense fisitly loans
protected attributes
An recter

-> classifier can be biased
Attempt: Exclude putated features
"Fairness through exclusion"
or "Fairness through Unawareness"
Issue: Features can be conveluted  i avoilable features can be heavily linked  to protected attributes.
S-tatistical powity
2 Crump of people & B  Pr (Lown = time   porson & A)
= PL (bun = true   person (B)
=> Loan Group  Slortistically independent "
nother fairness objectives - Equal odds, Counter factual ponity,

Security & Robust hess of ML image of scop sigh Adversarial settings E TOOSERHOPY [Yi, <V, K) = LCW) || S|| o ∈ E like adding an inelavant image es datu-

