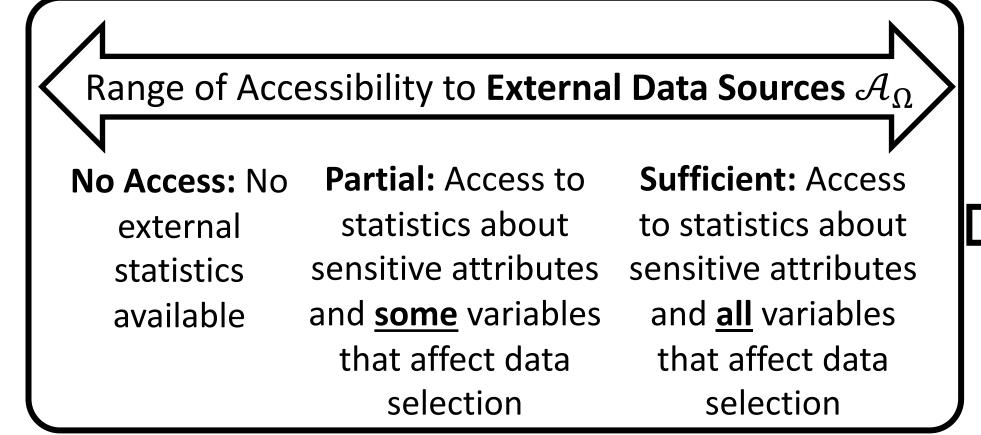
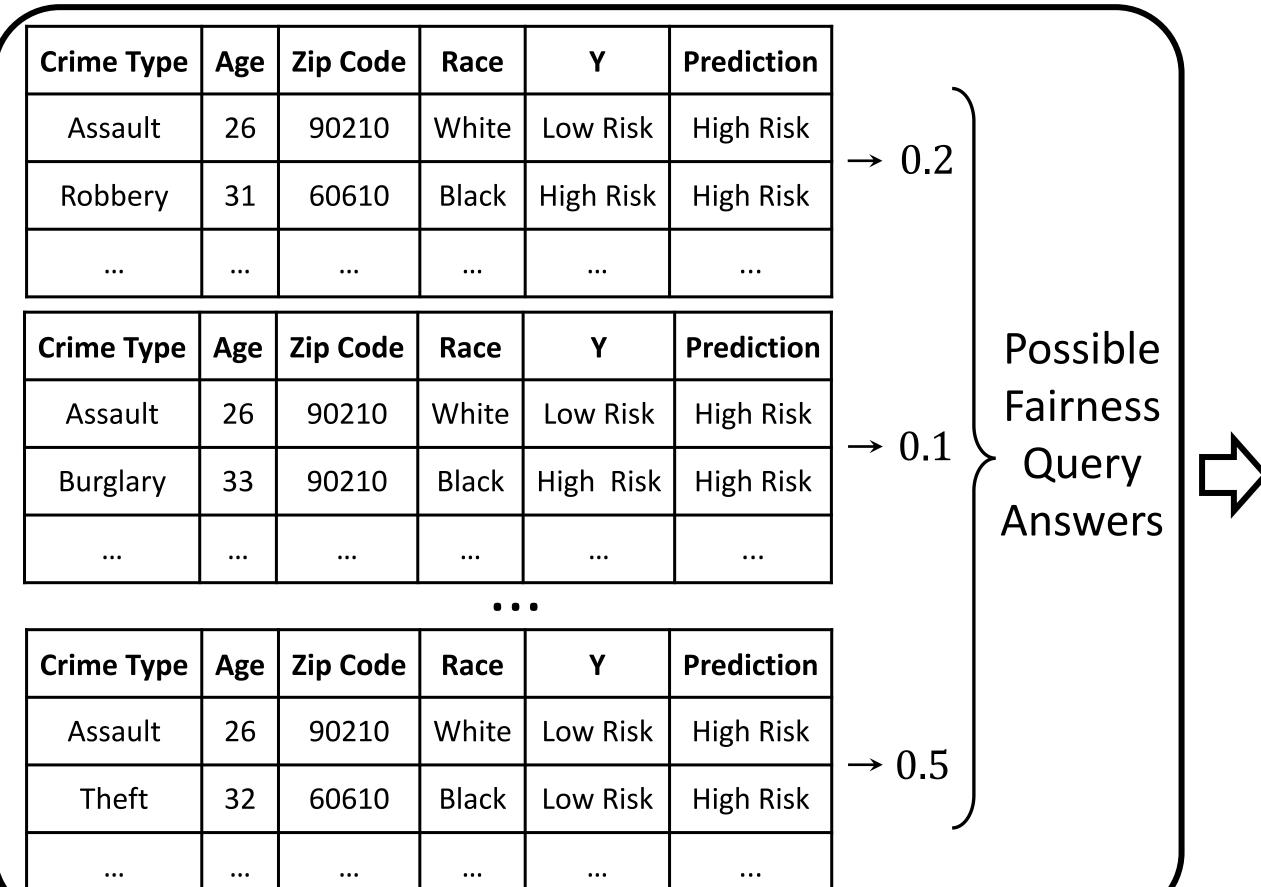
## Input Components

ML Model h Data Collection Fairness Query  $F(\Omega)$  Diagram Biased Data  $D_{\Delta}$   $\mathcal{G}$   $\mathcal{G}$   $\mathcal{G}$   $\mathcal{G}$   $\mathcal{G}$ 

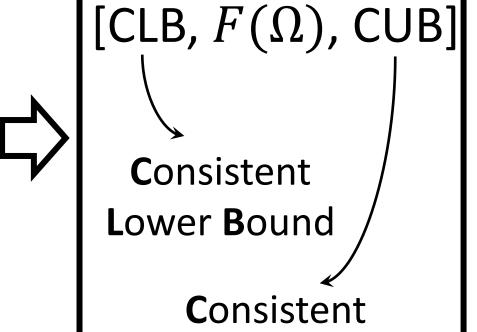
Crime Type	Age	Zip Code	Race	Υ	Prediction
Assault	26	90210	White	Low Risk	High Risk
•••	•••	•••	•••		



## Possible Repairs of $D_{\Delta}$



Consistent Range of the fairness query answer  $F(\Omega)$ 



**U**pper **B**ound