Data Science, 2022 Tutorial 7

Bayesian Network

Travel -> Foreign Purchase

Fraud

+ Increased probability of travel makes fraud more likely. Travel can cause fraud.

- + Increased probability of foreign purchase makes fraud more likely. Foreign purchase is evidence for fraud.
- + Travel and fraud can each cause foreign purchase.

 Travel explains foreign purchase so is evidence against fraud.

True False 0.05 0.95

Travel - Foreign Purchase

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