



- Can we make our models explain their predictions as **intrinsic part** of their operation?

# Beyond Post-Hoc Explanations



**Input**



**MODEL**



**Prediction**

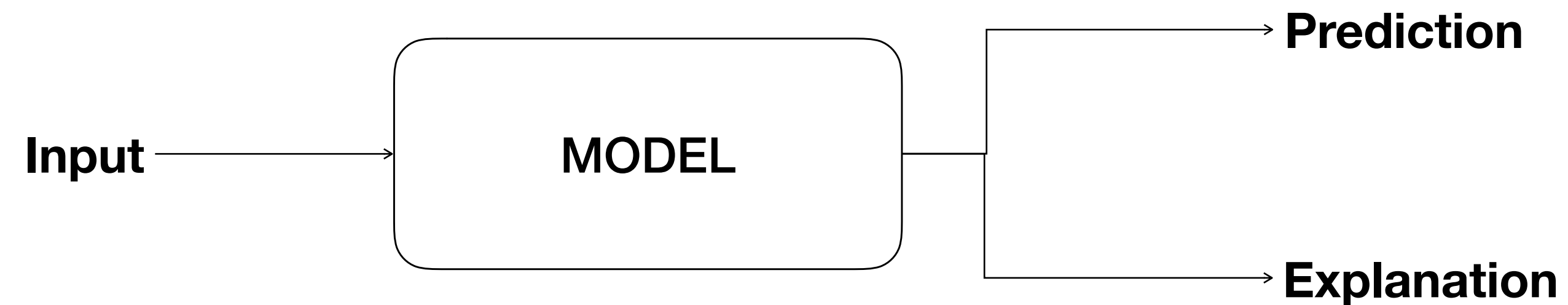
**Explanation**

**G o a l : ■ ■**

# Beyond Post-Hoc Explanations

- Can we make our models explain their predictions as **intrinsic part** of their operation?

**Goal:**



# Self-Explaining Neural Networks (SENN)

AM + Jaakkola, *NeurIPS'18*