

$$\lambda_l(\text{Scan}_{\text{Promotions}_1}) \rightarrow T$$

$$\pi_{p1.p\_promo\_name, N' \rightarrow N}$$



$$@p1.p\_item\_sk = p1.p\_item\_sk$$



$$\text{Scan}_{T \rightarrow p1}$$



$$\gamma$$

$$@p1.p\_item\_sk; \text{NEST}(p2.p\_promo\_name, price) \rightarrow N$$



$$\pi$$

$$@p1.p\_item\_sk, p2.p\_promo\_name, price$$



$$\sigma$$

$$rn \leq 3$$



$$\chi$$

$$@p1.p\_item\_sk; price; \text{ROW\_NUMBER}() \rightarrow rn$$



$$\gamma$$

$$@p1.p\_item\_sk, p2.p\_item\_sk, p2.p\_promo\_name; \text{SUM}(ws.ws\_sales\_price) \rightarrow price$$



$$@p1.p\_item\_sk = p2.p\_item\_sk$$



$$\delta$$



$$\pi$$

$$@p1.p\_item\_sk$$



$$\text{Scan}_{T \rightarrow @p1}$$

$$ws.ws\_promo\_sk = p2.p\_promo\_sk$$



$$\text{Scan}_{\text{Promotions} \rightarrow p2}$$



$$\text{Scan}_{\text{Websales} \rightarrow ws}$$