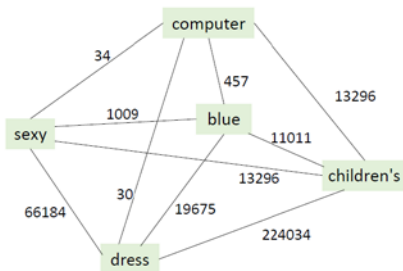


Rank using graph (score low-high)



children's sexy dress
children's blue dress
children's cute dress

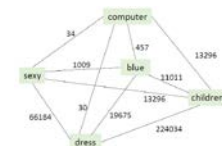


Annotation by crowd sourcing

children's sexy dress ✓
children's blue dress ✗
children's cute dress ✗



Automatic generation



children's sexy dress → children's cute dress



Quality Control by crowdsourcing

(children's sexy dress ,
children's cute dress)



⇒ store in CoCon

Preprocessing

children's blue dress
.....
children's sexy dress
.....
children's cute dress



Raw Query Data

Adidas gym shoes (**Adidas**球鞋)
children's blue dress (儿童蓝色连衣裙)
.....
children's sexy dress (儿童性感连衣裙)
3D printer (**3**维打印机)
.....
children's cute dress (儿童可爱连衣裙)