46.9% acc dev & 34.4% acc test

X: which countries participated in date

Y: where

exists sandbox.medalists sandbox.editions sandbox.countryregions

hasvalue sandbox.editions.year sandbox.editions date

show

sandbox.countryregions

P: where

exists sandbox.medals sandbox.editions sandbox.countryregions

hasvalue sandbox.editions.year sandbox.editions date

show

sandbox.countryregions

X: which olympics had the most countries participate

Y: where

exists sandbox.medalists sandbox.editions

show

sort

sandbox.editions

countof sandbox.editions.host\_country\_region sandbox.editions

countof sandbox.editions.host\_country\_region sandbox.editions -

P: where

exists sandbox.medals sandbox.editions

show

sort

sandbox.editions.host\_city sandbox.editions

countof sandbox.editions

countof sandbox.editions -

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

X: how many athletes competed in lit in lit (How many athletes competed in gymnastics in 200 ?)

Y: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists sandbox.medals\_1

hasvalue sandbox.medals.sport sandbox.medals lit

hasvalue sandbox.medals.medal\_count sandbox.medals lit

show

countof sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medals.class sandbox.medals lit

hasvalue sandbox.medals.discipline sandbox.medals lit

show

countof sandbox.medalists.athlete\_name sandbox.medalists

X: what is the lit medal count

Y: where

hasvalue sandbox.medals.class sandbox.medals lit

show

sandbox.medals.medal\_count sandbox.medals

P: where

exists sandbox.medals sandbox.countryregions

hasvalue sandbox.countryregions.country\_region sandbox.countryregions lit

show sandbox.medals.medal\_count sandbox.medals

Not remove LIT

34.9% acc dev & 42.7% acc test

X: show the silver medal athletes from united kingdom in 2008

Y: where

exists sandbox.medalists sandbox.countryregions

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists\_1 sandbox.editions

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_2

hasvalue sandbox.medals.class sandbox.medals sandbox.medals.class sandbox.medals\_1

exists sandbox.medalists\_2 sandbox.medals\_1

hasvalue sandbox.medals.class sandbox.medals 'silver'

hasvalue sandbox.countryregions.country\_region sandbox.countryregions 'united kingdom'

hasvalue sandbox.editions.year sandbox.editions #2008#

show

sandbox.medals

sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medalists sandbox.countryregions

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists\_1 sandbox.editions

hasvalue sandbox.medals sandbox.countryregions

hasvalue sandbox.medals.class sandbox.medals 'silver'

hasvalue sandbox.countryregions.country\_region sandbox.countryregions 'united kingdom'

hasvalue sandbox.editions.year sandbox.editions #2008#

show

sandbox.medals

sandbox.medalists.athlete\_name sandbox.medalists

X: gold medalists from africa (in train: gold medalists from canada)

Y: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists\_1 sandbox.countryregions

hasvalue sandbox.medals.class sandbox.medals 'gold'

hasvalue sandbox.countryregions.continent sandbox.countryregions 'africa'

show

sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists\_1 sandbox.countryregions

hasvalue sandbox.medals.class sandbox.medals 'gold'

X: how many countries played in the 1928 olympics (in train: how many countries played in the 1908 london olympics)

Y: where

exists sandbox.medalists sandbox.countryregions sandbox.editions

hasvalue sandbox.editions.year sandbox.editions #1928#

show

countof sandbox.countryregions

P: where

hasvalue sandbox.editions.year sandbox.medals sandbox.medals.sport sandbox.medals\_1

exists sandbox.medals\_1 sandbox.editions

hasvalue sandbox.medals.sport sandbox.medals 'golf'

hasvalue sandbox.editions.year sandbox.editions #1904#

show countof sandbox.editions

X: show me all the gold medal winners for switzerland (country)

Y: where

exists sandbox.medalists sandbox.countryregions

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

hasvalue sandbox.medals.class sandbox.medals sandbox.medals.class sandbox.medals\_1

exists sandbox.medalists\_1 sandbox.medals\_1

hasvalue sandbox.medals.class sandbox.medals 'gold'

hasvalue sandbox.countryregions.country\_region sandbox.countryregions 'switzerland'

show

sandbox.medals

sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medals.class sandbox.medals 'gold'

show

sandbox.medals

sandbox.medalists.athlete\_name sandbox.medalists

Add bidirectional LSTM

48.5% acc test

X: what is the oldest event in the olympics

Y: where

exists sandbox.medals sandbox.editions

hasvalue sandbox.medals.event sandbox.medals sandbox.medals.event sandbox.medals\_1

exists sandbox.medals\_1 sandbox.editions\_1

show

sort

sandbox.medals.event sandbox.medals

sandbox.editions.year sandbox.editions\_1

sandbox.editions.year sandbox.editions\_1 +

P: where

exists sandbox.medals sandbox.editions

show

sort

sandbox.medals.event sandbox.medals

sandbox.editions.year sandbox.editions

sandbox.editions.year sandbox.editions +

X: when was the seoul unknown held

Y: where

hasvalue sandbox.editions.host\_city sandbox.editions 'seoul'

show sandbox.editions.year sandbox.editions

P: show sandbox.editions.year sandbox.editions sandbox.editions

X: who won medals in diving at the 2008 olympics

Y: where

exists sandbox.medals sandbox.editions

hasvalue sandbox.medals.discipline sandbox.medals sandbox.medals.discipline sandbox.medals\_1

exists sandbox.medalists sandbox.medals\_1

hasvalue sandbox.medals.discipline sandbox.medals 'diving'

hasvalue sandbox.editions.year sandbox.editions #2008#

show sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medals sandbox.editions

exists sandbox.medals sandbox.countryregions

hasvalue sandbox.medals.discipline sandbox.editions sandbox.editions.year sandbox.editions\_1

exists sandbox.medals\_1 sandbox.editions\_1

hasvalue sandbox.medals.discipline sandbox.medals\_1 sandbox.medals.discipline

hasvalue sandbox.editions.year sandbox.editions #2008#

show sandbox.countryregions

(In train)

X: who won gold medals in diving in 1972 olympics

Y: where

exists sandbox.medals sandbox.countryregions sandbox.editions

hasvalue sandbox.medals.class sandbox.medals 'gold'

hasvalue sandbox.medals.discipline sandbox.medals 'diving'

hasvalue sandbox.editions.year sandbox.editions #1972#

show sandbox.countryregions

P: where

exists sandbox.medals sandbox.countryregions sandbox.editions

hasvalue sandbox.medals.class sandbox.medals 'gold'

hasvalue sandbox.medals.discipline sandbox.medals 'diving'

hasvalue sandbox.editions.year sandbox.editions #1972#

show sandbox.countryregions

X: lit\_edition.year lit\_medal.event\_gender athlete that competes

Y: where

exists sandbox.medalists sandbox.medals sandbox.editions

hasvalue sandbox.medals.event sandbox.medals sandbox.medals.event sandbox.medals\_1

hasvalue sandbox.editions.year sandbox.editions lit\_edition.year

hasvalue sandbox.medals.event\_gender sandbox.medals\_1 lit\_medal.event\_gender

show sandbox.medalists.athlete\_name sandbox.medalists

P: where

exists sandbox.medalists sandbox.medals

hasvalue sandbox.medalists.athlete\_name sandbox.medalists sandbox.medalists.athlete\_name sandbox.medalists\_1

exists sandbox.medalists\_1 sandbox.medals\_1

hasvalue sandbox.medals.event\_gender sandbox.medals\_1 lit\_medal.event\_gender

hasvalue sandbox.medals.class sandbox.medals\_1 lit\_medal.event

show sandbox.medalists.athlete\_name sandbox.medalists