Num.	Story	Query	Dataset
| 1 | Atypical country | ```
BEGIN CHILDREN {A1, A2}
A1 LIKE [G,.*] and CHILDREN <B1, B2>
    B1 LIKE [F,country,eq,(?<Country>.*)]
    B2 LIKE [F,country,ne,(?<Country>.*)]
A2 LIKE [G,.*] and CHILDREN <C1, C2>
    C1 LIKE [F,country,eq,(?<Country>.*)]
    C2 LIKE [F,country,ne,(?<Country>.*)]
``` | NETFLIX |
| 2 | Successful TV-shows | ```
BEGIN CHILDREN <A1>
A1 LIKE [F,type,eq,TV Show] and CHILDREN <B1>
    B1 LIKE [F,duration,ge,2] and CHILDREN <C1, C2>
        C1 LIKE [G,(?<col1>.*),.*]
        C2 LIKE [F,(?<col1>.*),.*] and CHILDREN <D1, D2>
            D1 LIKE [G,(?<col2>.*),.*]
            D2 LIKE [F,(?<col2>.*),.*]
``` | NETFLIX |
| 3 | Compare titles of three different actors | ```
A1 LIKE [F,cast,contains,.*] and SIBLINGS {A2,A3} and CHILDREN {B1}
    B1 LIKE [G,(?<col>.*),(?<func>.*),(?<agg>.*)]
A2 LIKE [F,cast,contains,.*] and CHILDREN {B2}
    B2 LIKE [G,(?<col>.*),(?<func>.*),(?<agg>.*)]
A3 LIKE [F,cast,contains,.*] and CHILDREN {B3}
    B3 LIKE [G,(?<col>.*),(?<func>.*),(?<agg>.*)]
``` | NETFLIX |
| 4 | Investigate movies' duration | ```
BEGIN CHILDREN {A1}
A1 LIKE [F,type,eq,Movie] and CHILDREN <B1, B2>
    B1 LIKE [F,.*] and DESCENDANTS {D1,*}
        D1 LIKE [G,.*,AVG,duration]
    B2 LIKE [F,.*] and DESCENDANTS {D2,*}
        D2 LIKE [G,.*,AVG,duration]
``` | NETFLIX |
| 5 | Properties of summer-months flights | ```
BEGIN CHILDREN <A1,A2,A3>
A1 LIKE [G,(?<col1>.*),.*]
A2 LIKE [G,(?<col2>.*),.*]
A3 LIKE [F,Month,ge,7] and CHILDREN <B1>
    B1 LIKE [F,Month,le,8] and CHILDREN <C3,C4,*>
        C3 LIKE [G,(?<col1>.*),.*]
        C4 LIKE [G,(?<col2>.*),.*]
``` | FLIGHTS |
| 6 | Explore reasons for delay | ```
BEGIN CHILDREN <A1,A2,A3,A4>
A1 LIKE [G,DelayReason,.*]
A2 LIKE [F,DelayReason,eq,.*] and CHILDREN {B2}
    B2 LIKE [G,.*]
A3 LIKE [F,DelayReason,eq,.*] and CHILDREN {B3}
    B3 LIKE [G,.*]
A4 LIKE [F,DelayReason,eq,.*] and CHILDREN {B4}
    B4 LIKE [G,.*]
``` | FLIGHTS |
| 7 | What type of flights have long delays | ```
BEGIN CHILDREN {A1}
A1 LIKE [F,DepartureDelay,eq,LARGE_DEALY] and CHILDREN <B1,*>
    B1 LIKE [G,(?<col>.*),.*] and SIBLINGS {B2, B3, B4}
    B2 LIKE [F,(?<col>.*),eq,.*]
    B3 LIKE [F,(?<col>.*),eq,.*]
    B4 LIKE [F,(?<col>.*),eq,.*]
``` | FLIGHTS |
| 8 | What flights are delayed due to weather? | ```
BEGIN DESCENDANTS {D1,*}
D1 LIKE [F,DelayReason,eq,WEATHER] and CHILDREN {B1, B2}
    B1 LIKE [G,.*]
    B2 LIKE [G,.*]
``` | FLIGHTS |
| 9 | Properties of apps with ≥ 1M installs | ```
BEGIN CHILDREN <A1,A2>
A1 LIKE [G,(?<col>.*),(?<func>.*),(?<agg>.*)] and CHILDREN {B1}
    B1 LIKE [G,installs,.*] and CHILDREN {}
A2 LIKE [F,installs,ge,1000000] and DESCENDANTS {D1,*}
    D1 LIKE [G,(?<col>.*),(?<func>.*),(?<agg>.*)]
``` | PLAY STORE |
| 10 | Compare highly-rated with low-rated apps | ```
BEGIN CHILDREN <A1,A2>
A1 LIKE [F,rating,le,2.5] and CHILDREN <C1,C2>
    C1 LIKE [G,(?<col1>.*),(?<func1>.*),(?<agg1>.*)]
    C2 LIKE [G,(?<col2>.*),(?<func2>.*),(?<agg2>.*)]
A2 LIKE [F,rating,ge,4.7] and CHILDREN <D1,D2,*>
    D1 LIKE [G,(?<col1>.*),(?<func1>.*),(?<agg1>.*)]
    D2 LIKE [G,(?<col2>.*),(?<func2>.*),(?<agg2>.*)]
``` | PLAY STORE |
| 11 | Explore apps with backwards compatibility | ```
BEGIN CHILDREN <A1,A2,A3,A4>
A1 LIKE [G,.*] and CHILDREN <B1>
    B1 LIKE [G,min_android_ver,CNT,app_id] and CHILDREN {}
A2 LIKE [G,.*] and CHILDREN <C1,*>
    C1 LIKE [G,min_android_ver,.*]
A3 LIKE [F,(?<col>.*),.*] and CHILDREN <D1,*>
    D1 LIKE [G,min_android_ver,.*]
A4 LIKE [F,(?<col>.*),.*] and CHILDREN <E1,*>
    E1 LIKE [G,min_android_ver,.*]
``` | PLAY STORE |
| 12 | Compare paid apps to free apps | ```
BEGIN CHILDREN <A1,A2>
A1 LIKE [G,.*] and CHILDREN <B1>
    B1 LIKE [G,.*] and CHILDREN <D1, D2>
        D1 LIKE [F,type,eq,Paid]
        D2 LIKE [F,type,eq,Free]
A2 LIKE [G,.*] and CHILDREN <C1, C2>
    C1 LIKE [F,type,eq,Paid]
    C2 LIKE [F,type,eq,Free][1]
``` | PLAY STORE |

Table 1: Different DASL Queries