



# Project check-in

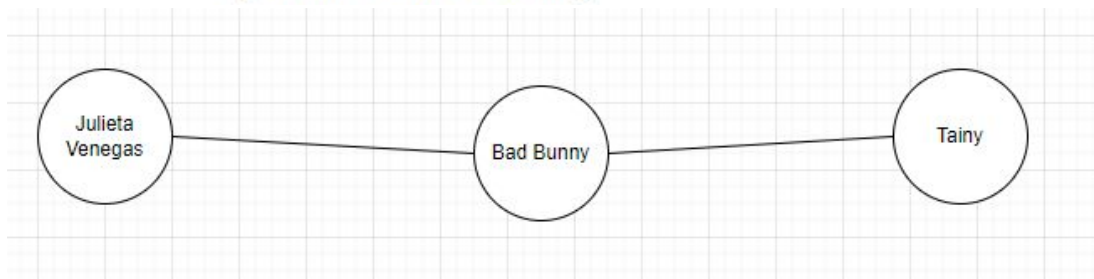
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Canon-Almagro

# Nodes and Links

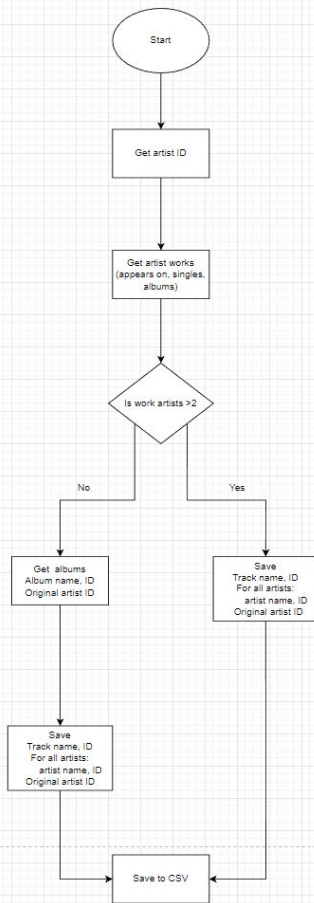
Nodes - artists

Links - Collaborations on songs

```
['Lo Siento BB:/ (with Bad Bunny & Julieta Venegas)',  
'45890IFRZp41qbsp7TWFCx',  
'Tainy',  
'0GM7qgcRCORpGnfcN2tCiB',  
'Bad Bunny',  
'4q3ewBCX7sLwd24euvV69X',  
'Julieta Venegas',  
'2QWIScpFDNxmS6ZEMIUvgm',  
'4q3ewBCX7sLwd24euvV69X'],
```



# Data



```

"external_urls": {
  "spotify": "https://open.spotify.com/artist/3Y0X3a81lme9w47229w4"
},
"followers": {
  "href": null,
  "total": 8120264
},
"genres": [
  "canadian hip hop",
  "canadian pop",
  "big pop",
  "pop",
  "toronto rap"
],
"href": "https://api.spotify.com/v1/artists/3Y0X3a81lme9w47229w4",
"id": "3Y0X3a81lme9w47229w4",
"images": [
  {
    "height": 640,
    "url": "https://i.scdn.co/image/ab67616d0000b3e8a293785c124d8558129a160",
    "width": 640
  },
  {
    "height": 320,
    "url": "https://i.scdn.co/image/ab67616d0000b3e81744293785c124d8558129a160",
    "width": 320
  },
  {
    "height": 160,
    "url": "https://i.scdn.co/image/ab67616d0000b3e81784293785c124d8558129a160",
    "width": 160
  }
],
"name": "Drake",
"popularity": 85,
"top_tracks": [
  {
    "name": "God's Plan",
    "uri": "spotify:artist:3Y0X3a81lme9w47229w4",
    "external_urls": {
      "spotify": "https://open.spotify.com/artist/4qbm6CX7u1w24ucwv608r"
    },
    "followers": {
      "href": null,
      "total": 57401164
    },
    "genres": [
      "reggaeton",
      "trap latino"
    ],
    "href": "https://api.spotify.com/v1/artists/4qbm6CX7u1w24ucwv608r",
    "id": "4qbm6CX7u1w24ucwv608r",
    "images": [
      {
        "height": 640,
        "url": "https://i.scdn.co/image/ab61616d0000b3e8b0c9f54db4bc93126b14",
        "width": 640
      },
      {
        "height": 320,
        "url": "https://i.scdn.co/image/ab61616d0000b3e8174b0c9f54db4bc93126b14",
        "width": 320
      },
      {
        "height": 160,
        "url": "https://i.scdn.co/image/ab61616d0000b3e8172b0c9f54db4bc93126b14",
        "width": 160
      }
    ],
    "name": "Bad Bunny",
    "popularity": 100,
    "type": "artist",
    "uri": "spotify:artist:4qbm6CX7u1w24ucwv608r"
  }
]
}

```

```
[[ 'Drake', '3TVXtAsR1Inumwj472S9r4'], [ 'Bad Bunny', '4q3ewBCX7sLwd24euuV69X'] ]
```

[illegible]

```
1 artist songs['4q3ewBCX7sLvd24euuV69X']
```

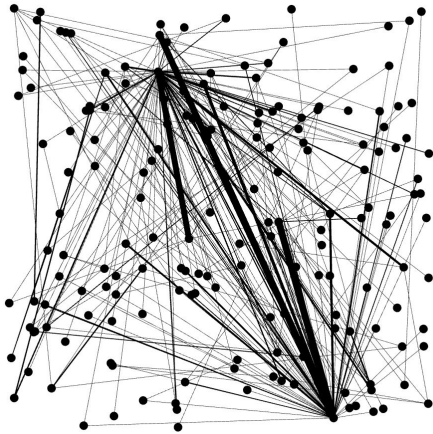
```

'Bad Bunny',
'Lo Siento BB:' (with Bad Bunny & Juleta Venegas'),
'458901FR2p1q5b7p7wCnX',
'Iainy',
'oeWfagRCORp6nWzCt1B',
'Bad Bunny',
'4q3e6nCX75u24euuV6X',
'Julietta Venegas',
'20u1ScpP0Xn5o5Z6mU0gm',
'4q3e6nCX75u24euuV6X',
'Yolyu',
'23z21U1AB1q4ftzb7p7k',
'Aventura',
'1gto4hdiD17e1n6fD8xi',
'Bad Bunny',
'4q3e6nCX75u24euuV6X',
'4q3e6nCX75u24euuV6X',
'4q3e6nCX75u24euuV6X'

```

# Network construction

CSV is imported into gephi and  
[transformations to the network]



# Visualization and degree distribution

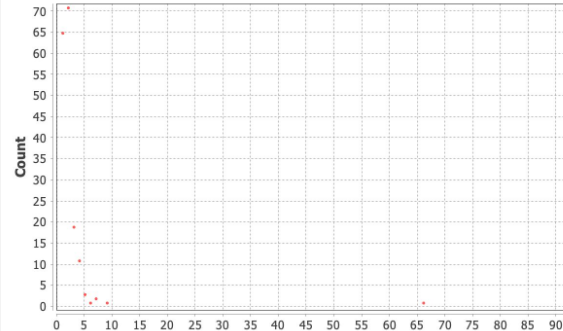
According to Gephi with our reduced sample size, we  
obtained an average degree of 2.914

## Degree Report

### Results:

Average Degree: 2.914

### Degree Distribution



# Research questions

Is the music industry just as connected as the movie industry?

What is the most well-connected artist on the Spotify platform?

Does the music industry have their own Kevin Bacon?

Do the top 1000 artists collaborate amongst themselves more than with artists outside the top 1000?

