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| **Query** | **True Category** | **Predicted Category** |
| 1. google play store developer | Technology | Technology |
| 1. mobile social network industry value | Finance | Technology |
| 1. mobile social network industry worth | Finance | Technology |
| 1. mobile social network industry | Business | Technology |
| 1. how many twitter users | Entertainment | Technology |
| 1. microsoft azure | Technology | Technology |
| 1. the silicon lab | Technology | Technology |
| 1. how to upload app icon in app store | Technology | Technology |
| 1. chip | Technology | Technology |
| 1. app store developer | Technology | Technology |
| 1. vertically integrated company example | Business | Technology |
| 1. vertically integrated company | Business | Technology |
| 1. domain private listing | Finance | Technology |
| 1. startup mvp launch strategy | Business | Technology |
| 1. amazon advertising platform | Business | Technology |
| 1. social networking industry | Business | Technology |
| 1. Sphere APP | Technology | Technology |
| 1. how much is web usage growing | Technology | Technology |
| 1. google play store screenshot sizes 2020 | Technology | Technology |
| 1. enigma morse code | Technology | Technology |
| 1. (the phone mockup + caption text + other background graphics) | Technology | Technology |
| 1. samsung galaxy s20 mockup app screen | Technology | Technology |
| 1. samsung galaxy s20 lock screen | Technology | Technology |
| 1. iphone 11 pro or samsung galaxy s20 | Technology | Technology |
| 1. samsung mock screen | Technology | Technology |
| 1. giphy app | Entertainment | Technology |
| 1. meetup.com app | Technology | Technology |
| 1. mix app | Entertainment | Technology |
| 1. whatsapp app store | Entertainment | Technology |
| 1. tagged app | Entertainment | Technology |
| 1. google play store app screenshot size chart | Technology | Technology |
| 1. google play store app screenshot size | Technology | Technology |
| 1. app store screenshot generator | Technology | Technology |
| 1. free app store screenshot generator | Technology | Technology |
| 1. best app store screenshots | Technology | Technology |
| 1. ios app screenshot sizes | Technology | Technology |
| 1. app store screenshot sizes maker | Technology | Technology |
| 1. app store screenshot sizes | Technology | Technology |
| 1. google play developer | Technology | Technology |
| 1. social networks 2020 | Entertainment | Technology |
| 1. houseparty app | Entertainment | Technology |
| 1. meetup app store | Technology | Technology |
| 1. tiktok app store | Entertainment | Technology |
| 1. on average how many friends does a person have | Living | Living |
| 1. GasBuddy travel | Living | Living |
| 1. culture trip crunchbase | Business | Living |
| 1. culture trip | Living | Living |
| 1. how to change kitchen light | Living | Living |
| 1. how to change kitchen light fixture | Living | Living |
| 1. everyday life | Living | Living |
| 1. s cat cars | Living | Living |
| 1. resorts world shopping centre in birmingham | Living | Living |
| 1. why people like to be in crowds | Living | Living |
| 1. just eat | Living | Living |
| 1. the green room | Living | Living |
| 1. how to cast to sony tv | Entertainment | Entertainment |
| 1. apple tv | Entertainment | Entertainment |
| 1. stefflon don new song | Entertainment | Entertainment |
| 1. Feature graphic \* | Technology | Entertainment |
| 1. only fans free account hack | Entertainment | Entertainment |
| 1. only fans website hack | Entertainment | Entertainment |
| 1. only fans website | Entertainment | Entertainment |
| 1. move streets app crunchbase | Business | Entertainment |
| 1. move streets app founder | Business | Entertainment |
| 1. culture trip app | Entertainment | Entertainment |
| 1. culture trip news users | Entertainment | Entertainment |
| 1. dream girl based on | Entertainment | Entertainment |
| 1. dream girl group | Entertainment | Entertainment |
| 1. dream girl song | Entertainment | Entertainment |
| 1. the imitation game | Entertainment | Entertainment |
| 1. iphone 11 pro | Technology | Entertainment |
| 1. instagram app download | Entertainment | Entertainment |
| 1. twitter app store | Entertainment | Entertainment |
| 1. Squad app | Entertainment | Entertainment |
| 1. youtube app | Entertainment | Entertainment |
| 1. youtube | Entertainment | Entertainment |
| 1. ER (TV series) | Entertainment | Entertainment |
| 1. #Take Me Anywhere Film | Entertainment | Entertainment |
| 1. football | Entertainment | Entertainment |
| 1. mr world premiere | Entertainment | Entertainment |
| 1. vip sports | Entertainment | Entertainment |
| 1. thomas partey youtube | Entertainment | Entertainment |
| 1. how to make your voice deeper youtube | Entertainment | Entertainment |
| 1. facebook events | Entertainment | Entertainment |
| 1. google play | Entertainment | Entertainment |
| 1. social commerce industry value | Finance | Finance |
| 1. social media industry value | Finance | Finance |
| 1. billions season 5 | Entertainment | Finance |
| 1. billions | Entertainment | Finance |
| 1. Stefflon Don Can't Let You Go chart entry | Entertainment | Finance |
| 1. Stefflon Don Move | Entertainment | Finance |
| 1. Social Commerce Market | Business | Finance |
| 1. Black Wall Street Media | Entertainment | Finance |
| 1. culture trip funding | Finance | Finance |
| 1. fashion nova valuation | Finance | Finance |
| 1. glue.com sale | Finance | Finance |
| 1. customer acquisition cost | Finance | Finance |
| 1. product launch plan | Business | Finance |
| 1. social commerce market size | Finance | Finance |
| 1. jeff bezos first shareholder letter | Finance | Finance |
| 1. kiip valuation | Finance | Finance |
| 1. 4,833 millions | Finance | Finance |
| 1. 587 millions in billion | Finance | Finance |
| 1. 587 millions in pounds | Finance | Finance |
| 1. 587 millions | Finance | Finance |
| 1. ross naess net worth | Finance | Finance |
| 1. evinox energy | Living | Finance |
| 1. nigel farage net worth | Finance | Finance |
| 1. bounce back loan | Finance | Finance |
| 1. why my company was dissolved by companies house | Business | Finance |
| 1. companies house | Business | Finance |
| 1. joshua marshall companies house | Business | Finance |
| 1. 35 000 a year jobs | Finance | Finance |
| 1. pay council tax online | Finance | Finance |
| 1. pay tax online | Finance | Finance |
| 1. Lloyd Banks | Finance | Finance |
| 1. simple terms and conditions | Law & Politics | Finance |
| 1. how to write a terms of service agreement for a website | Law & Politics | Finance |
| 1. manchester united players salary | Finance | Finance |
| 1. manchester salary | Finance | Finance |
| 1. join a barclays account | Finance | Finance |
| 1. bounceback loans | Finance | Finance |
| 1. south bank tower concierge jobs | Finance | Finance |
| 1. south bank tower concierge | Finance | Finance |
| 1. 2 letter country codes | Law & Politics | Law & Politics |
| 1. the pains of no social life | Living | Law & Politics |
| 1. stefflon don move chart history | Entertainment | Law & Politics |
| 1. Stefflon Don Can't Let You Go | Entertainment | Law & Politics |
| 1. how to start a social life | Living | Law & Politics |
| 1. initiate meaning | Education | Law & Politics |
| 1. president trump lawyer | Law & Politics | Law & Politics |
| 1. president trump | Law & Politics | Law & Politics |
| 1. what is the most important thing in life | Living | Law & Politics |
| 1. what is the most important thing in the world | Living | Law & Politics |
| 1. what is the most important thing to a human | Living | Law & Politics |
| 1. antitrust laws uk | Law & Politics | Law & Politics |
| 1. why having a social life is hard | Living | Law & Politics |
| 1. social connection | Living | Law & Politics |
| 1. human connection | Living | Law & Politics |
| 1. personal injury claims best lawyer | Law & Politics | Law & Politics |
| 1. personal injury attorney | Law & Politics | Law & Politics |
| 1. top 20 social media sites | Entertainment | Law & Politics |
| 1. app store house party | Entertainment | Law & Politics |
| 1. administrative restoration | Business | Law & Politics |
| 1. mission impossible | Entertainment | Law & Politics |
| 1. how much people are in the world | Law & Politics | Law & Politics |
| 1. new quarantine rules | Law & Politics | Law & Politics |
| 1. how to remove people from slack channel | Technology | Law & Politics |
| 1. high-touch meaning | Business | Education |
| 1. high-touch interactions | Business | Education |
| 1. unite students | Living | Education |
| 1. work colleagues | Living | Education |
| 1. social commerce | Business | Education |
| 1. colleagues | Living | Education |
| 1. foot anatomy | Health | Education |
| 1. uk universities ranking | Education | Education |
| 1. imperial college london ranking | Education | Education |
| 1. Imperial College London | Education | Education |
| 1. low customer NPS score | Business | Business |
| 1. fragmented industry | Business | Business |
| 1. social commerce industry | Business | Business |
| 1. amazon advertising | Business | Business |
| 1. how to undissolve a company | Business | Business |
| 1. reed jobs | Business | Business |
| 1. how long did chadwick have colon cancer | Health | Health |
| 1. personal injury claims | Law & Politics | Health |
| 1. personal injury claims car accident | Law & Politics | Health |

Accuracy = (107\*100)/167 = 64.1%

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| **Category** | **Recall** | **Precision** | **F1-score** |
| Technology | 26/29 | 26/43 | 72.2% |
| Entertainment | 26/44 | 26/30 | 70.3% |
| Education | 3/4 | 3/10 | 42.9% |
| Health | 1/2 | 1/3 | 40% |
| Business | 6/24 | 6/6 | 40% |
| Law & Politics | 8/12 | 8/24 | 44.4% |
| Living | 11/23 | 11/12 | 62.9% |
| Finance | 26/29 | 26/39 | 76.5% |

Weighted average F1-Score = 63.4%

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| **Category** | **True Distribution** | **Predicted Distribution** |
| Technology | 17.4% | 25.7% |
| Entertainment | 26.3% | 18.0% |
| Education | 2.4% | 6.0% |
| Health | 1.2% | 1.8% |
| Business | 14.4% | 3.6% |
| Law & Politics | 7.2% | 14.4% |
| Living | 13.8% | 7.2% |
| Finance | 17.4% | 23.4% |