**Data Analysis report on Apple’s App store data**

* **Overview**

This report is focused on analysis the 7197 apps data that was derived from apple’s app store to understand multiple aspects like what are the top five genres, which apps supports multiple languages, who has more rating and so on.

* **Data Collection and Sampling**

Data was provided via client.

* **Analysis**

Data was organized in the form of tables, pivots and charts for the ease of analyzing.

* **The results of data analysis**
* Below are the results for some key KPIs:
  1. Total number of apps in the store in 7197
  2. Sum of price of all the apps 12423.59
  3. Size of app that requires the most bytes is 4025969664
  4. Size of app that requires the least bytes is 589824
  5. Most number of apps devices that an app can support is 47
* Top five costly apps in the store are:

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| **Top five costly apps** | **Cost of Apps** |
| LAMP Words For Life | 299.99 |
| Proloquo2Go - Symbol-based AAC | 249.99 |
| KNFB Reader | 99.99 |
| NAVIGON Europe | 74.99 |
| FineScanner Pro - PDF Document Scanner App + OCR | 59.99 |
| Articulation Station Pro | 59.99 |
| Articulation Test Center Pro | 59.99 |

* Apps that consumes the most amount of space in a user’s mobile as per size:

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| **Top Five Apps as per size** | **Size** |
| ROME: Total War | 4025969664 |
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| Jade Empireâ„¢: Special Edition | 3896109056 |

* Top five apps as per genre:

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| **Top five Apps as per genere** | **Avg\_Rating** |
| Games | 14231.5 |
| Entertainment | 1737 |
| Education | 1529.5 |
| Photo & Video | 1326.5 |
| Utilities | 813 |

* Apps that supports highest number of languages

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| --- | --- |
| **Top 10 apps that supports most languages** | **No. of Supported\_Languages** |
| Google Photos - unlimited photo and video storage | 75 |
| Google Duo - simple video calling | 74 |
| Google Slides | 69 |
| Google Sheets | 69 |
| Google Docs | 69 |
| Google Allo â€” smart messaging | 68 |
| Inbox by Gmail | 63 |
| Google Translate | 59 |
| The Monsters by Tinybop | 58 |
| The Human Body by Tinybop | 58 |
| The Earth by Tinybop | 58 |
| Me by Tinybop | 58 |
| The Everything Machine by Tinybop | 58 |
| Weather by Tinybop | 58 |
| The Infinite Arcade by Tinybop | 58 |
| Simple Machines by Tinybop | 58 |
| The Robot Factory by Tinybop | 58 |
| Skyscrapers by Tinybop | 58 |
| Space by Tinybop | 58 |
| Microsoft Outlook - email and calendar | 58 |

* Apps rating in regards to bytes size

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| **Size (Bytes)** | **Sum of Avg\_Rating** |
| 10219520 | 9.5 |
| 33778688 | 9.5 |
| 47943680 | 9.5 |
| 61317120 | 9.5 |
| 79953920 | 9.5 |
| 97549312 | 9.5 |
| 102137856 | 9.5 |
| 133572608 | 9.5 |

* There are multiple apps which has rating of 5 out of 5 as per average rating that they have received hence to not extended this report too much, including the name of those apps which client might be interested in:

1. Google Photos - unlimited photo and video storage
2. Monster Super League
3. Soccer Cup Championship 2016
4. VPN Proxy Master Pro
5. Galaxy Trucker

* There are multiple apps which has rating of 5 out of 5 as per current average rating that they have received hence to not extended this report too much, including the name of those apps which client might be interested in:

1. Blink Health
2. 100 PICS Coloring - free color in book game app
3. Cool Wallpapers for Pokemon
4. Blackbox - think outside the box
5. AudioNote - Notepad and Voice Recorder

* Apps that doesn’t support multiple languages

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| **Top 10 apps that supports most languages** | **Average of Supported\_Languages** |
| MOBA Legends | 0 |
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| WonderCat Adventures | 0 |
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| Halo: Spartan Assault | 0 |
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| Xyngular Back Office | 0 |
| Civil War: 1861 | 0 |
| Cooking Academy 2: World Cuisine (Full) | 0 |