**Survey - National Survey on ICT Access and Usage by Households and Individuals 2017**

**By ICTA (Information and Communication technology Agency of Sri Lanka)**

Sample – 8941 Households from all 25 districts. Sample of more than 300 Households from one district.

Individual Usage Data – 30,239 Individuals from 8,941 Households.

**ICT Usage and Literacy Features**

**For Only User Profiling**

1. **Demographics**
   * Sex
   * Marital Status
   * Level of Education
   * Age
   * Employment Status
   * Employment Type
2. **Geographic**
   * District
   * Province
   * Location Urban/Rural/Estate Categorization

**Features used to do Clustering**

1. **ICT Usage** 
   * Home - Number of Desktop/Lap Top/ Tablet Devices -3.1
   * Outside - Number of Desktop/Lap Top/ Tablet Devices -3.1
   * Number of Smart Phones (Excluded Conventional Phones but can add after discussion) -3.1
   * Internet Usage (Yes/No) -3.1
   * Maximum Frequency of Internet Facilities-3.3
   * Maximum Frequency of Socially connected Activities. -3.4
   * Total Number of Social Media Facilities used -3.5
2. ICT Literacy
   * Total Number of Skills out of 15 Skills. 4.1
   * Maximum ICT Education Qualification. 4.2

* 8 Features used to do the Clustering.
* Exclude the Outliers, Exclude Non Respondents
* Age and Education Level Distribution breakdown- Break in to the general categories that census department used.
* Before that Conduct the Initial Descriptive Analysis.
* For the Different Geographies we can conduct the analysis of reasons to lack of ICT facilities using the Q 2.6