**Machine Learning Activity – II**

**Issues in designing a machine learning system**

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**Define the problem specifically:**

**Accountability and manageability in to protect social network like facebook**

**Input and Output:**

**Input: A sample set of User details with application.**

**Output: categorization and classification based on the usage and the sorting the malicious user.**

**Features:**

* **Full Name**
* **Nick name**
* **DOB & Age**
* **User name**
* **Gender**
* **mobile number**
* **location/region/country**
* **Email ID**
* **Applications using**

**Representation:**

**The data set is represented in the matrix form in the row and column. Each feature with the specific value format.**

**Training samples:**

**The training sample measures the different protection levels, with specified sample.**

**How you evaluate:**

**The protection level for the various application in the social network is evaluated based on the similarity of various data set in various application. The similarity is identified, categorized and classified to find the malicious user.**

**Issues:**

# Social media is harming the mental health of teenagers

# Negative Effect of Social Media on Society and Individuals

# Unsafe disclosure of personal information -- providing potentially dangerous or damaging personal information. Many teens appear to have no understanding that what they post in those communities is public, potentially permanent, and accessible by anyone in the world.

# Addiction -- spending an excessive amount of time online, resulting in lack of healthy engagement in major areas of life.

# Risky sexual behavior -- becoming seduced by a sexual predator or child pornographer, posting sexually suggestive material or self-producing child pornography, or making connections with other teens for sexual "hook-ups."

# Cyberbullying -- being cruel to others by sending or posting harmful material online or through a cell phone, or by engaging in other cruel actions.

# Dangerous communities -- at-risk youth making connections with other at-risk youth or adults to discuss and share information, which can result in a shared belief in the appropriateness of potentially very harmful activities.