
INPUT FEATURE EXISTANCE BASED DATA COLLECTION

Input: Predefined feature set: F_set , URL , $url_feature$

Output: Input feature existence based data

```
1:  $Input\_feature \leftarrow [0 \mid 0 \mid \dots \mid 0]$ 
2:  $index \leftarrow 0$ 
3: if  $valid \leftarrow URL$  then
4:   for  $\forall f1 \in F\_set$  do // for all features in feature set
5:     if  $f1 \in url\_feature$  then
6:        $Input\_feature[index] \leftarrow 1$ 
7:   return  $input\_feature$ 
```
