Input:
1. Ontology_mod ; common Ontology
   model used by all parties
2. Xa ; *Alice* partitioned data
3. Xb ; *Bob* partitioned data
4. df ; Disguising factor is a factor by
   which the original data is generalized

Output:
1. RDF_A ;*Alice* Department RDF for *Bob*
2. RDF_B ;*Bob* department RDF for *Alice*

Process:
1. data_set=Xa;
2. attributes=list of attributes of data_set
   and first element is always record identifier.
3. RDF_Mod=RDF_A

do
   R_i= data_set{ 0 };
do
   max_attr_j = get the max value of
   j^{th} attribute depending on the
   record criteria.
   Rel_j = find the relation from
   $Ontology\_mod$ corresponding to the
   j^{th} attribute.Val_j=max_attr_j+ df ;
   generalize the value using disguising factor.
   $RDF < R_i, Rel_j, Val_j > $ = form RDF
   triple with subject as record identifier ,
   object as Val_j and Rel_j as predicate
   defining the context between subject .
   and Object. $RDF\_Mod = RDF\_Mod \cap$
   $RDF < R_i, Rel_j, Val_j >$
done
done
5. Repeat the above process *i.e.*, step 4
   for RDF_Mod set to RDF_B.
done