Input:
RDF_A, RDF_B
Output:
$Af^{\rightarrow}, Bf^{\rightarrow}$
Process:
1. *Alice* initiates communication using CON_INIT(Connection Initialization Segment)and *Bob* responds with CON_INIT_ACK as acknowledgement for CON_INIT.
2. *Alice* request for location of RDF_B of *Bob* using REQUEST RDF_B(Request packet of the format REQUEST followed by RDF filename) and *Bob* responds with RESPONSE RDF_B_URL(*Bob* responds with the location of RDF) and *Bob* also piggy back the response with REQUEST RDF_A(Request for *Alice* RDF location).
3. *Alice* responds with the location of RDF_A with the packet RESPONSE RDF_A_URL and piggyback the termination request using CON_TERM.
4. *Bob* responds with CON_TERM_ACK as acknowledgement for closing connection.
5. *Alice* reads the Meta data from RDF_B_URL and predicts the data for unknown attributes.
6. *Bob* reads the Meta Data from RDF_A_URL and predicts the data for unknown attributes.
7. *Alice* and *Bob* produces $Af^{\rightarrow}, Bf^{\rightarrow}$ first stage vectors by summing up the values of known attributes with the unknown values interpreted from RDF model for every record.