

Physical Data Model	
Model:	robustezquery
Package:	
Diagram:	Diagram_1
Author:	BORELA Date: 18/11/2021
Version:	

noise_kind			
<u>cod</u>	NUMBER(5)	<pk>	not null
descr	VARCHAR2(200 BYTE)		not null
percent_prob_permutation	NUMBER(6,3)		null
percent_prob_deletion	NUMBER(6,3)		null
if_translation_to_from_portuguese	CHAR(1 BYTE)		null
Kind of noise applied to the query text			

cod = cod_noise_kind

query			
<u>cod</u>	NUMBER(10)	<pk>	not null
id_original_query	NUMBER(10)	<ak>	null
cod_noise_kind	NUMBER(5)	<ak,fk>	null
text	VARCHAR(1000)		null
Content (text) of queries with and without noises applied			

cod = cod_query

run			
<u>cod</u>	NUMBER(10)	<pk>	not null
date_time_execution	DATE		not null
value	NUMBER(6,3)		not null
cod_query	NUMBER(10)	<fk1>	not null
cod_metric	NUMBER(5)	<fk2>	not null
cod_search_context	NUMBER(10)	<fk3>	not null
Value of a metric got by a specific query			

cod = cod_search_context

cod = cod_metric

search_context			
<u>cod</u>	NUMBER(5)	<pk>	not null
descr_ranking_technique	VARCHAR2(200 BYTE)		not null
descr_data_description	VARCHAR2(200 BYTE)		not null
record_count	NUMBER(12)		not null
Search context: data base, process of relevance, etc			

metric			
<u>cod</u>	NUMBER(5)	<pk,ak1>	not null
abbreviation	VARCHAR2(15 BYTE)	<ak2>	not null
name	VARCHAR2(100 BYTE)		not null
Metric used in information retrieval			