Shaker Database Model

Config Tables

AGENCY_DEMOGRAPHIC_LOG_CONFIG

PK	**AGENCY_DEMOGRAPHIC_LOG_CONFIG_ID**
	AGENCY_NAME **DEMOGRAPHIC_LOG_SCHEMA_NAME** **DEMOGRAPHIC_LOG_TABLE_NAME**
FK1	**DEMOGRAPHIC_LOG_TYPE** DEMOGRAPHIC_LOG_FILTER_APPEND **MAX_RESULTS** **CREATED_DATE** **MODIFIED_DATE**

DEMOGRAPHIC_LOG_TYPE

PK	**DEMOGRAPHIC_LOG_TYPE_CODE**
	DESCRIPTION **CREATED_DATE** **MODIFIED_DATE**

PACKAGE_PROGRESS_INDICATOR

PK	**PACKAGE_PROGRESS_INDICATOR_CODE**
	DESCRIPTION **CREATED_DATE** **MODIFIED_DATE**

DEMOGRAPHIC_LOG_HASH_ALGORITHM

PK	**DEMOGRAPHIC_LOG_ALGORITHM_NAME**
	DESCRIPTION **CREATED_DATE** **MODIFIED_DATE**

DEMOGRAPHIC_LOG_FIELD_CONFIG

PK	**FIELD_NAME**
FK1	**DEMOGRAPHIC_LOG_TYPE**
FK2	**HASH_ALGORITHM** COMPARISON_THRESHHOLD **CREATED_DATE** **MODIFIED_DATE**

DATA_ADAPTER

PK	**DATA_ADAPTER_ID**
	DATA_ADAPTER_NAME DATA_ADAPTER_DESCRIPTION **AGENCY_NAME** **SERVICE_URL** **CREATED_DATE** **MODIFIED_DATE**

MATCH_DEMOGRAPHIC_LOG_CONFIG

PK	**MATCH_DEMOGRAPHIC_LOG_CONFIG_ID**
FK1	**AGENCY_DEMOGRAPHIC_LOG_CONFIG_ID_1**
FK2	**AGENCY_DEMOGRAPHIC_LOG_CONFIG_ID_2** **MATCH_THRESHHOLD** **CREATED_DATE** **MODIFIED_DATE**

PARAMETERS

PK	**PARAMETERS_ID**
FK1	**MATCH_DEMOGRAPHIC _LOG_CONFIG_ID** COLUMN_M COLUMN_U COLUMNNAME **CREATED_DATE** **MODIFIED_DATE**

MATCH_TYPE

PK	**MATCH_TYPE_CODE**
	MATCH_TYPE_NAME **CREATED_DATE**

MATCH_COLUMNS

PK	**MATCH_COLUMNS_ID**
FK1	**MATCH_COLUMN_1** **MATCH_COLUMN_2**
FK2	**MATCH_TYPE_CODE** **MATCH_DEMOGRAPHIC_LOG_CONFIG_ID** **USE_IN_MATCH** **CREATED_DATE** **MODIFIED_DATE**

LEXICON_SCHEMA_XML

PK	**LEXICON_SCHEMA_XML_VERSION_ID**
	SCHEMA_XML CREATED_DATE

BLOCKING_SCHEMES

PK	**BLOCKING_SCHEME_ID**
	BLOCKING_SCHEME_TYPE **BLOCKING_SCHEME_ORDER** IDENTIFIER_1 IDENTIFIER_1_TRANSPOSE_FUNC IDENTIFIER_2 IDENTIFIER_2_TRANSPOSE_FUNC **CREATED_DATE** **MODIFIED_DATE**

Persistent Processing Tables

DATA_PACKAGE

PK	**PACKAGE_ID**
FK1	**PACKAGE_RECEIPT_ID** PACKAGE_NAME PACKAGE_DESCRIPTION **PACKAGE_SERIALIZED** PACKAGE_FOLDER_NAME PACKAGE_FOLDER_LOCATION
FK2	**PACKAGE_PROGRESS_INDICATOR_CODE** **CREATED_DATE** **MODIFIED_DATE**

DATA_PACKAGE_RECEIPT

PK	**PACKAGE_RECEIPT_ID**
	PACKAGE_ID PACKAGE_NAME PACKAGE_SERIALIZED **CREATED_DATE**

DATA_PACKAGE_RESPONSE

PK	**DATA_PACKAGE_RECEIPT_ID**
FK1	**PACKAGE_ID** **RESPONSE_SERIALIZED** **MESSAGE_TYPE** **CREATED_DATE**

DATA_REQUEST

PK	**REQUEST_ID**
FK1	**PACKAGE_ID** REQUEST_NAME REQUEST_DESCRIPTION **REQUEST_SQL_STRING** **REQUEST_SERIALIZED** REQUEST_FILE_NAME REQUEST_FILE_LOCATION **CREATED_DATE** **MODIFIED_DATE**

DATA_REQUEST_RECEIPT

PK	**REQUEST_RECEIPT_ID**
FK1	**PACKAGE_RECEIPT_ID** REQUEST_ID REQUEST_NAME REQUEST_SERIALIZED **CREATED_DATE**

DATASET_QUERY

PK	**DATASET_QUERY_ID**
FK1	**DATA_ADAPTER_ID** **AGENCY_NAME** **QUERY_TEXT** **CREATED_DATE**

DEMOGRAPHIC_LOG_QUERY

PK	**DEMOGRAPHIC_LOG_QUERY_ID**
FK2	**REQUEST_ID**
FK1	**DATA_ADAPTER_ID** **AGENCY_NAME** **QUERY_TEXT** **CREATED_DATE**

DATA_PACKAGE_STATUS

PK	**PACKAGE_STATUS_CODE**
	DESCRIPTION **CREATED_DATE** **MODIFIED_DATE**

DATA_PACKAGE_STATUS_HISTORY

PK	**DATA_PACKAGE_STATUS_HISTORY_ID**
FK1	**PACKAGE_ID** **STATUS_CODE** STATUS_MESSAGE **CREATED_DATE**

DATA_REQUEST_STATUS

PK	**REQUEST_STATUS_CODE**
	DESCRIPTION **CREATED_DATE** **MODIFIED_DATE**

DATA_REQUEST_STATUS_HISTORY

PK	**DATA_REQUEST_STATUS_HISTORY_ID**
FK1	**REQUEST_ID** **STATUS_CODE** STATUS_MESSAGE **CREATED_DATE**

Volatile Processing Tables

DATA_PACKAGE_QUEUE

PK	**DATA_PACKAGE_QUE_ID**
FK1	**PACKAGE_ID** **CREATED_DATE**

BLOCKING_IDS

PK	UNIQUE_ENTITY_ID1
PK	UNIQUE_ENTITY_ID2
	CREATED_DATE

PROBABILITIES

	UNIQUE_ENTITY_ID_1 UNIQUE_ENTITY_ID_2 **MATCH_TYPE_CODE** BLOCKING_SCHEME_ID PROB **CREATED_DATE**

BLOCKING_MATCH

	PERSON_UNIQUE_ENTITY_ID_1 PERSON_UNIQUE_ENTITY_ID_2 PERSON_FIRST_NAME PERSON_MIDDLE_NAMES PERSON_LAST_NAME PERSON_GENDER PERSON_DOB_DAY PERSON_DOB_MONTH PERSON_DOB_YEAR PERSON_DOB_MONTH_YEAR PERSON_FIPS_5 PERSON_PHONE PERSON_EMAIL PERSON_MATCH_ID_1 PERSON_MATCH_ID_2 PERSON_MATCH_ID_3 **CREATED_DATE**

IDENTIFIERS_1

PK	**SHAKER_TEMP_ID**
	PERSON_UNIQUE_ENTITY_ID PERSON_FIRST_NAME PERSON_MIDDLE_NAMES PERSON_LAST_NAME PERSON_GENDER PERSON_DOB_DAY PERSON_DOB_MONTH PERSON_DOB_YEAR PERSON_DOB_MONTH_YEAR PERSON_FIPS_5 PERSON_PHONE PERSON_EMAIL PERSON_MATCH_ID_1 PERSON_MATCH_ID_2 PERSON_MATCH_ID_3 **CREATED_DATE**

IDENTIFIERS_2

PK	**SHAKER_TEMP_ID**
	PERSON_UNIQUE_ENTITY_ID PERSON_FIRST_NAME PERSON_MIDDLE_NAMES PERSON_LAST_NAME PERSON_GENDER PERSON_DOB_DAY PERSON_DOB_MONTH PERSON_DOB_YEAR PERSON_DOB_MONTH_YEAR PERSON_FIPS_5 PERSON_PHONE PERSON_EMAIL PERSON_MATCH_ID_1 PERSON_MATCH_ID_2 PERSON_MATCH_ID_3 **CREATED_DATE**

Key:

Demo. Log Query Table	Identity Resolution Table	Data Package and Request Table	Data Package Results Table	Other Config Tables
Field 1 Field 2 Field ...	Field 1 Field 2 Field ...	Field 1 Field 2 Field ...	Field 1 Field 2 Field ...	Field 1 Field 2 Field ...

Version #	Date	Revised by	Comments
1.0	12/14/2012	Austin Mills	Initial Documentation