

Title	IP addresses – real tokenised
Creator / Responsible Partner	CaixaBank (CAIXA)
Dataset Identifier	05_TokenisedIPAddressCAIXA_I-BiDaaS_WP2_D2.1_v0.1.xlsx
DOI	10.5281/zenodo.4091057 ¹
Dataset Description	The generated dataset provides data on the relationships between customers in order to build part of the social graph of the bank. The data was collected from the logs of connections to the online banking of CaixaBank customers and stored in the entity's Datapool for security and fraud prevention reasons. More concretely the data is coming from a set of restricted tables (relational database), with information related to the customers and their IP address when connecting online, used afterwards to see potential relationships between users' and skip or enhance the security controls on eventual bank transfers between the connected users.
Work Package/Deliverable	WP2/D2.1
Source	The data was collected from the online operations' monitoring tools from CaixaBank and stored in the "Datapool" of the entity.
Processing	All the fields containing sensitive information were encrypted using the following encryption formats: <ul style="list-style-type: none"> • Format preserving encryption for categorical fields. • Order preserving encryption for numerical fields. • A Bloom-filtering encryption process for free text fields. NOTE: IP address octets are codified separately.
Repository	Zenodo
Language	Spanish/Catalan/English
Code list	<ul style="list-style-type: none"> • FK_NUMPERSO: Identifier of the Person. NUMBER • PK_ANYOMESDIA: Date (YYYYMMDD) of the connection of the user. NUMBER • IP_TERMINAL: IP Address of the connection of the user. VARCHAR2 • FK_COD_OPERACION: Code of business operation done by the user. VARCHAR2 • PK_COD_ESTADO_OP: Code of the status of the operation done by the user. VARCHAR2
Type	Categorical, Numerical, Text
Format	CSV file
Expected Size	800.000 entries

¹ <https://doi.org/10.5281/zenodo.4091057>

Keywords	IP addresses, connections, users, online, relationship, fraud prevention.
Version	V0.1
Date of Repository Submission	15-10-2020
Necessary software	-
Rights	-
Access Information	Open