**Data Dictionary Extract: Applicant**

**Table**: Applicant

|  |  |
| --- | --- |
| Scope | Data about applicants ***who complete applications***, including their ID number, admin id number, first name, last name, date of birth, cell number, email, address, university, degree, student numbers and statuses. Attributes stored in the Applicant table |
| ***Attribute Listing:*** |  |
| applicant\_IDNo PK | Description: A unique applicant identification number given by South African government  Type: 13 digit string  Format: #############  Note: This is the primary key, no non-numeric values |
| admin\_ID FK | Description: A unique admin identification number given by #FundMe  Type: 7 digit integer  Format: #######  Note: This is a foreign key (linked to the “Admin” table), no non-numeric values |
| applicant\_firstName | Description: The name given by the applicant  Type: 50 character string  Format: N/A  Note: Can contain letters and special characters |
| applicant\_lastName | Description: Applicant family name  Type: 50 character string  Format: N/A  Note: Can contain letters and special characters |
| applicant\_dob | Description: The date the applicant was born  Type: Datetime  Format: DD/MM/YYYY  Note: N/A |
| applicant\_cell | Description: A unique number to contact applicant  Type: 10 digit integer  Format: ### #### ###  Note: No non-numeric values |
| applicant\_email | Description: A unique email address to contact applicant  Type: 50 character string  Format: N/A  Note: Can contain numbers, letters and special characters |
| applicant\_address | Description: A multi value attribute indicating the residence of applicant  Type: 50 character string  Format: Building Number, Street Number, Street Name, Suburb, City, Postal Code  Note: Can contain numbers, letters and special characters |
| applicant\_university | Description: The university that the applicant is registered for  Type: 50 character string  Format: N/A  Note: Can contain numbers, letters and special characters |
| applicant\_degree | Description: The degree that the applicant is registered for  Type: 50 character string  Format: N/A  Note: Can contain numbers, letters and special characters |
| applicant\_studentNo | Description: A unique number given to the applicant by the given university  Type: 7 digit string(what if some universities have a letter in the student number, and it is greater than 7 digits?)  Format: #######  Note: No non-numeric values |
| applicant\_status | Description: Indicates the applicant’s funding suitability  Type: Boolean  Format: T/F  Note: N/A |

**Data Dictionary Extract: Application**

**Table**: Application

|  |  |
| --- | --- |
| Scope | Data about applications belonging to the applicant, including their application Id number, applicant Id number, admin number, donation id, application fund type, application required amount, application date, application date, application status and application funded amount. Attributes stored in Application table. |
| ***Attribute Listing:*** |  |
| **application\_ID PK** | Description: A unique identification number assigned after registration by Moneta system (do we give the number)  Type: 10 digit integer  Format: ##########  Note: This is a primary key, no non-numeric values |
| **applicant\_IDNo FK** | Description: A unique applicant identification number given by South African government  Type: 13 digit integer  Format: #############  Note: This is a foreign key (linked to the “Applicant” table), no non-numeric values |
| **admin\_ID FK** | Description: A unique admin identification number given by #FundMe  Type: 7 digit integer  Format: #######  Note: This is a foreign key (linked to the “Admin” table), no non-numeric values |
| **donation\_ID FK** | Description: A unique donation identification number assigned by Moneta system (do we give the number)  Type: 8 digit integer  Format: ########  Note: This is a foreign key (linked to the “Admin” table), no non-numeric values |
| **application\_fundType** | Description: Indicates the type of funding the application needs  Type: Not sure  Format: Not sure  Note: Not sure |
| **application\_requiredAmount** | Description: Indicates the amount needed for each selected fund type  Type: 7 digit Double (not sure)  Format: #####,##  Note: No non-numeric values |
| **application\_date** | Description: The Date of which the application was made  Type: Datetime  Format: DD/MM/YYYY  Note: N/A |
| **application\_status** | Description: Indicates the application’s funding status  Type: Boolean (would it be?)  Format: T/F  Note: N/A |
| **application\_fundedAmount** | Description: The amount that has been funded through the donation/s  Type: 7 digit Double (not sure)  Format: #####,##  Note: No non-numeric values |

**Data Dictionary Extract**: Donor

**Table**: Donor

|  |  |
| --- | --- |
| Scope | Data about donors, including their donor id, admin id, donor first name, donor last name, donor org type, donor cell number, donor email and donor address. Attributes stored in Donor table |
| ***Attribute Listing:*** |  |
| donor\_ID PK | Description: A unique donor identification number assigned by the Moneta system  Type: 6 digit integer  Format: ######  Note: This is a primary key, no non-numeric values |
| admin\_ID FK | Description: A unique admin identification number given by #FundMe  Type: 7 digit integer  Format: #######  Note: This is a foreign key (linked to the “Admin” table), no non-numeric values |
| donor\_firstName | Description: The name given by the Donor  Type: 50 character string  Format: N/A  Note: Can contain letters and special characters |
| donor\_lastName | Description: Donor family name  Type: 50 character string  Format: N/A  Note: Can contain letters and special characters |
| donor\_orgType | Description: Indicates whether Donor is an individual or an organisation  Type: Not sure  Format: Not sure  Note: Note sure |
| donor\_cell | Description: A unique number to contact the donor  Type: 10 digit integer  Format: ### #### ###  Note: No non-numeric values |
| donor\_email | Description: A unique email address to contact the donor  Type: 50 character string  Format: N/A  Note: Can contain numbers, letters and special characters |
| donor\_address | Description: A multi value attribute indicating the residence of donor  Type: 50 character string  Format: Building Number, Street Number, Street Name, Suburb, City, Postal Code  Note: Can contain numbers, letters and special characters |

**Data Dictionary Extract**: Donation

**Table**: Donation

|  |  |
| --- | --- |
| Scope | Data about donations belonging to an application, including their donation id, application id, donor id, donation funded amount and donation date. Attributes stored in the Donation Table |
| ***Attribute Listing:*** |  |
| donation\_ID PK | Description: A unique donation identification number assigned by Moneta system (do we give the number)  Type: 8 digit integer  Format: ########  Note: This is a primary key, no non-numeric values |
| application\_ID FK | Description: A unique identification number assigned after registration by Moneta system (do we give the number)  Type: 10 digit integer  Format: ##########  Note: This is a foreign key (linked to the “Application” table), no non-numeric values |
| donor\_ID FK | Description: A unique donor identification number assigned by the Moneta system  Type: 6 digit integer  Format: ######  Note: This is a foreign key (linked to the ”Donor” table), no non-numeric values |
| admin\_ID FK | Description: A unique admin identification number given by #FundMe  Type: 7 digit integer  Format: #######  Note: This is a foreign key (linked to the “Admin” table), no non-numeric values |
| donation\_fundedAmount | Description: The amount donated by the donor  Type: 7 digit Double (not sure)  Format: #####,##  Note: No non-numeric values |
| donation\_date | Description: The date the donation was made by the Donor  Type: Datetime  Format: DD/MM/YYYY  Note: N/A |