PT MS Data Source

***E:\GISCO-2232\_AD data processing - internal prototype\PT\PTBuildingsDabase.gdb***

|  |  |
| --- | --- |
| Processed Addresses | **3.566.043** |
| Total MS Addresses | **3.566.043** |

1. DUPLICATED X-Y:

Total geometries with duplicates: **1.734**

Looking more closely we can find:

|  |  |
| --- | --- |
| Duplicated\_geometry\_Thoroughfare\_Locatordesignator\_Postcode | 78 |

Are duplicated to the locatordesignator (house number) level. This is not Ok, it´s mean that the addresses are indeed duplicated.

|  |  |
| --- | --- |
| Duplicated\_geometry\_Thoroughfare\_Postcode | 282 |

Here we have same position for the address with different locatordesignator. This case is not an error. Analysing a random sample, I found that the points represent buildings with several house numbers.

|  |  |
| --- | --- |
| Duplicated\_geometry\_Thoroughfare | 54 |

These are addresses with different Thoroughfare but share the same coordinates. This is not Ok, the address position should be unique for each Thoroughfare name

|  |  |
| --- | --- |
| Unique\_geometry\_Thoroughfare | 768 |

The remaining addresses after removing the duplicates

1. Admin Units

Levels of Admin units presents in **PT MS AU Data Source** vs **PT MS AD Data Source**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **2ndOrder** Distrito | **3rdOrder** Concelho | **4thOrder** Freguesia |
| ***PT MS AU Data Source*** | 18 | 307 | 2.874 |

|  |  |
| --- | --- |
|  | **Level 4** MOR\_LOCALIDADE |
| ***PT MS AD Data Source*** | 22.685 |

From **2.874** AU **Level 4** for PT MS AD Data Source, only match 1.914 with PT MS AU Data Source **4thOrder.**

|  |  |
| --- | --- |
| ***PT MS AU Data Source Mismatch*** | *960* |
| ***PT MS AD Data Source Mismatch*** | *20.771* |

1. EMPTY FIELDS

|  |  |
| --- | --- |
| **Thoroughfare** | 226.937 |
| **Locatordesignator** | 1.001.705 |
| **Postcode** | 1 |

These are the number of Addresses that are incomplete. A good full address should contain all this basic fields.