**Project**

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| **Project Name** | **Team Members** |
| ETL Project - Capturing Sales Data vs Weather Data Impact | **Prajakta Gaikwad** |
| **Isaac Muck** |
| **Allen Chang** |
| **Jean Carlo Camacho** |

**E**xtract

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| **Data** | **Data Source** | **Data Format** |
| NYC Weather Data (2016) | Kaggle | CSV |
| NYC Store Sales Data (2016) | BBB | CSV |

**T**ransform

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| **Data** | **Transformation Needed** |
| NYC Weather Data (2016) |  |
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| **Data** | **Transformation Needed** |
| NYC Store Sales Data (2016) | Data included SALES and RETURNS, we had to filter for SALES data only. |
| There were fields with ‘?’ in them for null values, those fields had to get converted to ‘0’. |
| Data types needed to be adjusted to keep the data uniformed. |

**L**oad

MYSQL databases were used throughout the process. We loaded both CSV files into

Python data frames and then did the cleanup using Pandas. SQL Alchemy was used to make a connection to the SQL databases. We merged both data frames and inserted the results into the SQL database created.