

Resources

Customer User Guide:

<https://fast.usps.com/userguide/CustomerUserGuide.pdf>

Fast Link:

<https://fast.usps.com/>

L606 File Location:

<https://fast.usps.com/fast/fastApp/resources/labelListFilesSearch.action>

Parcel File Location:

<https://fast.usps.com/fast/fastApp/resources/dropShipFileDownload.action>

Facilities File:

<https://fast.usps.com/fast/fastApp/facility/landing.action>

Problem Set

Problem 1 - ZIP code and Drop Site Key Mapping: Using the Parcel file and Facilities file, determine the relationship between ZIP Codes and Drop Site Key. Create a merged data set between the two files. What data points are important and why? Did you have to make any trade-offs?

Problem 2 - ZIP code to Scheme Mapping: Use the L606 file to create a data key to relate each ZIP code to Scheme. ZIP codes are listed in Column A. Schemes are the last 5 digits of the string in Column B. Did you have to make any trade-offs?

Problem 3 - Master USPS Dataset: Create a master dataset relating ZIP code to Scheme to Drop Site Key. What data points are important and why? Did you have to make any trade-offs?

Problem 4 - Data checks: Drop Site Key has a parent relationship to Scheme, and Scheme has a parent relationship to ZIP code. This means a Scheme can not map to multiple Drop Site Keys, and a ZIP code can not map to multiple Schemes. Perform these data checks. What is your process and did you find any data issues? Are there any other data checks that should be performed?

Problem 5: Scaling and automation: How do we scale the compilation of this USPS data? What is the best method to store and refresh the data? What tools do you recommend using to compile and share this information?

Problem 6 - Present your product: Present an overview of the product you have created. What value does it add?