Objective:

The client company, Armacord Incorporated is looking for a presentation/pitch to management explaining the data-driven approach for flagging bank accounts based on suspicious incoming wire transfers

Dataset:

- The data file has two worksheets. The first worksheet, titled "Wires by Month," represents monthly time series data of aggregate incoming wire transfer amounts (in thousands of dollars) into one of Amarcord's customer accounts from January, 2007, to December, 2013.
- The second worksheet is titled "November 2010 Wires" and lists the incoming and outgoing wire transfers for the bank account under consideration during the month of November, 2010. Note that the second worksheet is at a transaction-level.

Data Structure:

1. Data in the "Wires by Month" worksheet are in thousands ($);
2. In December, 2007, a major store was flooded and was closed for renovation untilMarch, 2008;
3. In August, 2010, a warehouse belonging to the customer under consideration was sold for $37,900 and the proceeds were deposited into the bank account.
4. In the worksheet "November 2010 Wires," the incoming wires have not yet been summarized and are instead provided on transaction-level. Each row corresponds to a25-digit system generated unique ID (Trans ID) which is a unique identifier for wire transfers. Notice that the worksheet provides both incoming and outgoing wire transfers for the customer under consideration. Also note the following information regarding the format of the transfers in this worksheet:

Type of Wire Transfer	Format
Incoming	Have the text "INCWT" anywhere withinthe 25-digit transfer ID;
Outgoing	Have the text "OUTWT" anywhere within the 25-digit transfer ID;
Canceled by the Bank	Have the text "$C" anywhere within the 25-digit transfer ID.