

# BCBSND Extract, Transform, Load

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## BUSINESS NEED

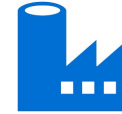
- Upload Excel data and automatically update the Salesforce platform
- Program succeeds or failure notifications
- Regular updates to the Salesforce platform either at a specified time or every time the Excel sheet is updated
- Scrape all the information from the Excel sheets and map it to the necessary fields.

## SOLUTION

- Using the credentials provided by the client to update their Salesforce platform of brokers, agencies, and certification codes.
- Utilize Data Factory to upload the Excel sheets to Blob Storage, Data Factory maps the values to the Salesforce platform, then updates the information.



## HOW IT WORKS



- The new data is entered into an excel sheet
- The Excel or CSV files are placed into blob storage
- Azure Data Factory takes the excel sheets from blob storage and removes all empty columns
- Data Factory matches each data entry with an ID in sales force.
- Data Factory uploads the new data and overwrites the old.

## CHALLENGES

- Acquisition of credentials was slow and tedious
- Regular communication between teammates was lacking.
- Scope: Initial plans set the data mapping to be more complicated than needed.
- Meetings: Couldn't meet as a team in person very often due to schedule conflicts.

