

# ServiceNow Application Developer

## Importing Data > Importing Data Module Recap

Core concepts:

- Data Sources define where data is coming from
- Transform Field Maps match columns in the data source with fields on the target table
  - *Auto Map Matching Fields* matches columns and fields based on name
  - *Mapping Assist* pairs the columns and fields of your choice
  - Use the source and target objects in Transform Map scripts to set column and field values using server-side script logic
- Detect collisions by coalescing
  - If collisions are detected, the target record is updated
  - If no collisions are detected, a record is inserted
  - Change the collision behavior using Transform Event scripts
- When a transform is run, there is no longer transformable data in the staging table. To test a Transform Map again, re-load the records from the Data Source.

- When planning a transform, determine whether to:
  - Run Business Rules
  - Enforce mandatory fields
  - Copy empty values