Data Model & Tools [1]

Salesforce is at the heart of eComm, but it would be nothing without other systems across CU.
eComm's constituents are comprised of data from multiple systems (listed below). **Master Data Management (MDM)** aggregates these details on one record then passes it to Salesforce for use.
Once a contact is created in Salesforce, there's a few ways to update that information:

- **Marketing Cloud** | Populate Email Sends & Individual Email Results (IERs)
  - Marketing Cloud and Salesforce have a bi-directional integration. That way a Marketing Cloud email can distribute to a targetted audience created in Salesforce.
- **Cvent** | Update Event Participation, certain Subscriptions and New Contacts
- **eComm Specialists** | Update a Constituent's Email Preferences
  - Constituent's can adjust their own Email Preferences by receiving an email and selecting 'Manage My Preferences' in the footer
- **Advance, Campus Solutions & HCM** | Update Constituent's First Name, Last Name, or Email

### Data Dictionary & Entity Relationship Diagram (ERD)

The data dictionary [2] provides full descriptions and values of fields that exist in Salesforce while the **Entity Relationship Diagram (ERD) [3]** indicates how the data is related to one another.

**Groups audience:**
eComm

**Source URL:** https://www.cu.edu/ecomm/strategy/data-model-tools

**Links**
[2] https://docs.google.com/spreadsheets/d/1s0qta2ap5xIIMxQ0Z9e4Yc3IWBdbCOWA2z4OhFGGMg/edit#gid=1145773985