

**California State University San Bernardino
School of Computer Science & Engineering
Masters Project Presentation**

Date/Time

February 14, 2019 (Thursday), 02:00PM

Location

JBH 389/391

Topic

Automated ETL tool using E-mail

Candidate

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Abstract

The Email is an important form of communication by both personal and corporate means as it enables reliable and quick exchange. Many useful files are shared as form of attachments which contains transactional/ relational data. This project focuses on applying ETL operations on relational data exchanged using emails. It allows user to write filter conditions and lookup conditions on attachments, define map for attachments to database table. Data Cleansing for each attribute can be performed writing some rules and their matching state. Tool is extensible for custom data manipulation using assemblies given by user. Aggregation of data is done in form of reports after operation of data loading is finished the database. Tool needs first time setup per template and its automated from that point.