

# Data preparation challenges in Course and Teaching Evaluations

Isabelle Li Ying
University Planning and Statistics



#### **Overview**

- Student Evaluation of Teaching and Units
- Data preparation challenges
- Blue companion products
  - Data Sync Tool
  - Data Integrity Gateway
- Questions



# Student Evaluation of Teaching and Units (SETU)

- Student enrolments 73,807 (59,036 EFTSL) across
   Australian campuses, International locations (Malaysia and South Africa) and international centres
- SETU review process 2013-2014
- New survey instrument introduced in Semester 1 2016
- Blue implemented in Semester 2 2016 (replacing in house custom software – Monash Online Survey Tool)



# Student Evaluation of Teaching and Units (SETU)

### SETU survey instrument

- 8 university wide questions
- 2 university wide qualitative questions
- Item bank questions Faculties may include up to 5 additional questions from the item bank questions (Question Bank Mapping functionality)
- 5 teaching evaluation questions



# Student Evaluation of Teaching and Units (SETU)

#### SETU Semester 2 2017

- 2,742 unit offering surveyed
- 64,000+ students invited to provide feedback
- Total of 211,000+ individual unit evaluations
- Overall response rate 38%



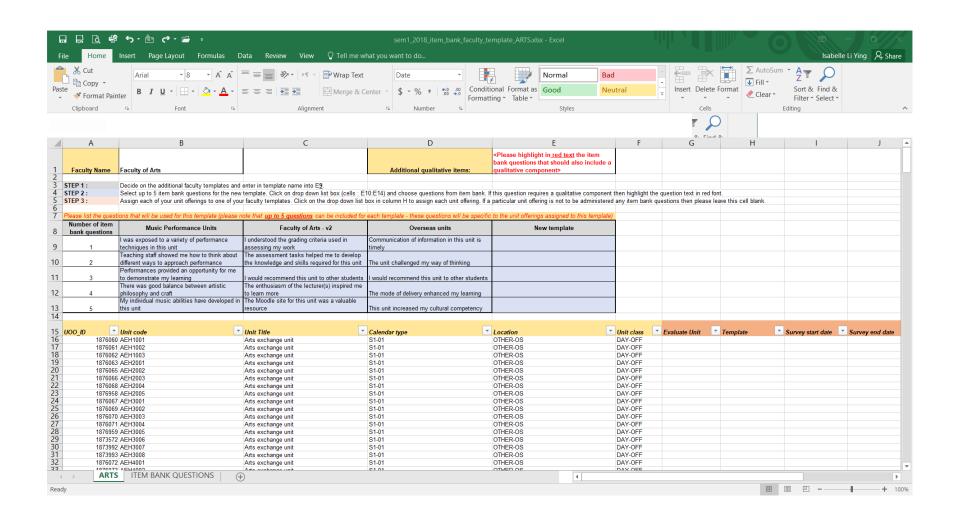
## **Data preparation challenges**

Data preparation involves multiple stakeholders - 10 faculties and off-campus locations

- Unit details : evaluated units, confirmation of survey period, faculty survey template
- Educator data: manual selection, data integration based on time tabling system extract, data integration based on custom extract



## **Data preparation challenges**





# **Data preparation challenges**

- Data sourcing from different systems: student management systems, HR system, time tabling etc
- Data consolidation: timeliness
- Data integration: data quality
- Data reconciliation: inconsistent data between the different data sources



## Blue companion products

- Data Sync Tool
  - Currently working on Data Sync Tool project
  - Automate data syncing process
- Data Integrity Gateway
  - Future project to automate the data preparation





Thank you