



# Analyzing Your Data

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# Tracking Student Outcomes for MSG Goals

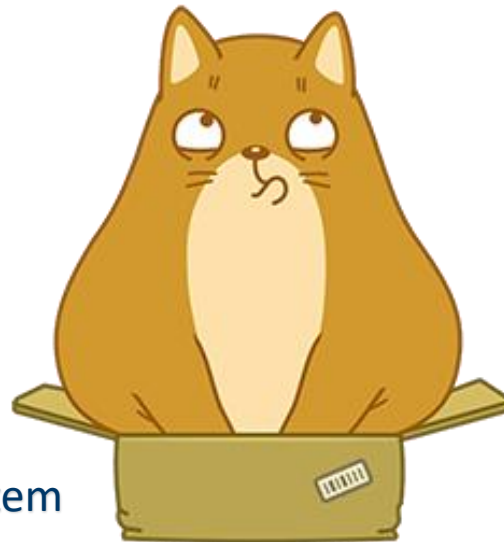
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## Power BI

- Overview tab (*next slide*)
- MSG Overview tab
- MSG Rate by Hours tab
- Table 4
- Table 4B

## ADVANSYS

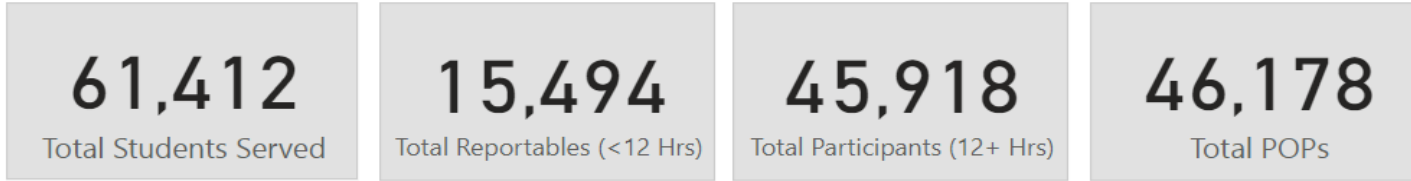
- Table 4
- Table 4B
- Outcomes Report
- NRS Registration Report



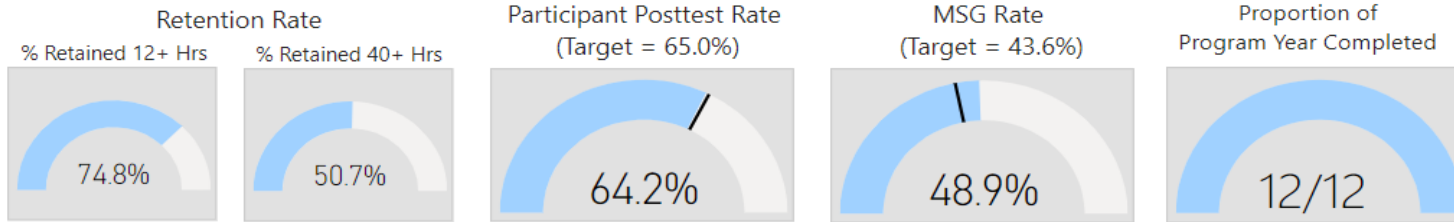
# Power BI – Analyzing Your Data

## Basic Skills Overview

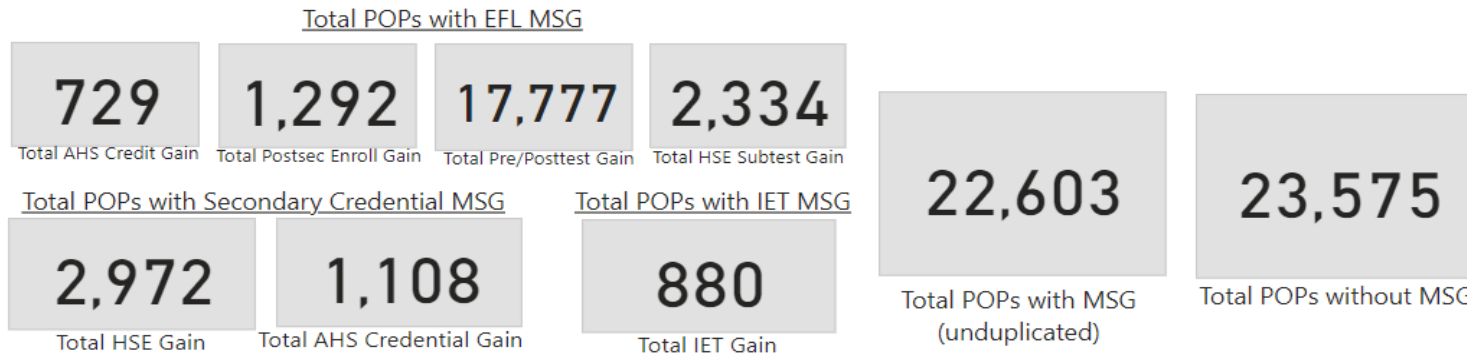
### Students and Participation



### Performance



### Measurable Skill Gains (MSGs)



Counts of MSGs by type above are duplicated if a student received multiple MSGs

Active Filters:  
Reporting Period: 2024\_12

Retention Rate: # Participants / # Students

Participant Posttest Rate: # Students Posttested / # Participants, excluding ABE6

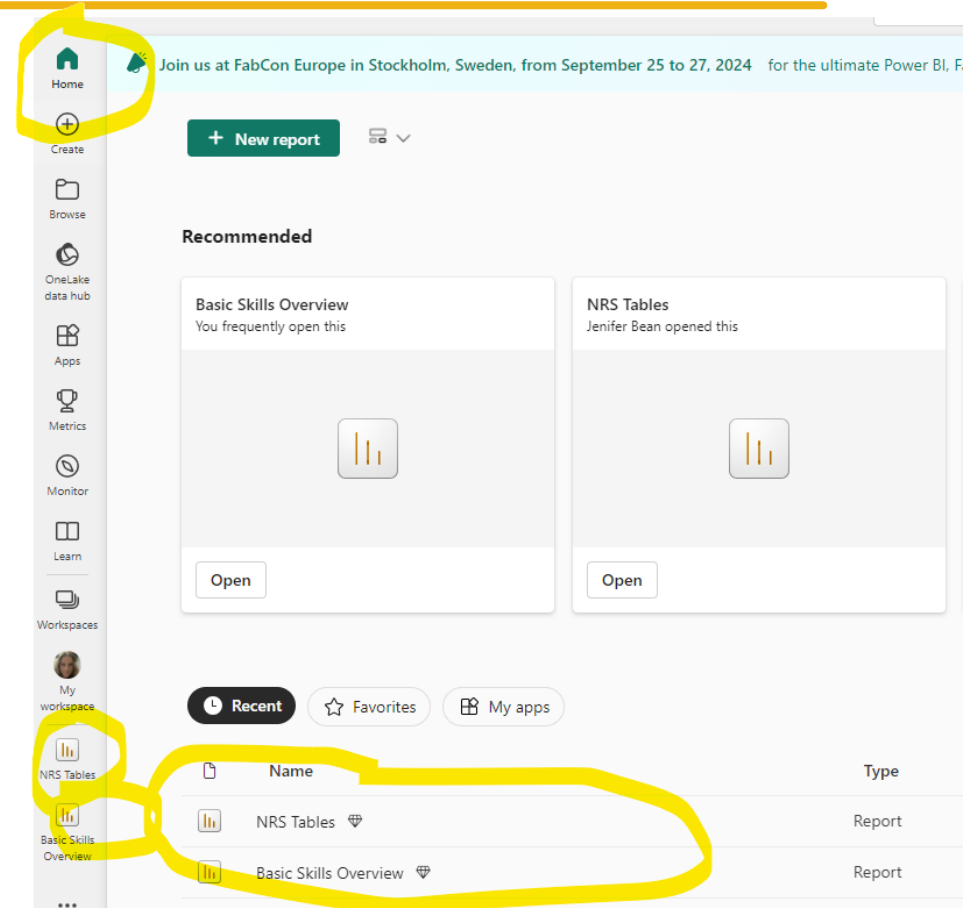
MSG Rate: # POPs with MSG / # POPs

Note: When displaying data across multiple providers, the Grand Total is a duplicated total. Students enrolled at multiple providers are counted for each provider attended.

Sources: Diploma Sender, Advansys, LEIS, & NSC

# Power BI – NRS Tables

- Table 1 – *EFL level, ethnicity & sex*
- Table 2 – *Age range, ethnicity & sex*
- Table 2A – *Reportables*
- Table 3 – *Program Type & Age*
- Table 4 – *MSG by entry level*
- Table 4A – *EFL gains*
- Table 4B – *Pre & post tests*
- Table 4C – *MSGs for distance learners*
- Table 6 – *Participant status & program enrollment*



# Tracking Student Recruitment in ADVANSYS

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- Student Management>Enrollment Alerts
  - Active students who have not been placed into a class
- Student Management>Missing Entering EFL Report
  - Depending on workflow, students who have not returned to complete NRS testing
- Student Management>NRS Separation Report
  - Students without activity for the last 90+ days
- Student Management>Attendance Alerts
  - Filter for students who have not had attendance in X number of days
- Supplemental Reports>Student Enrollment Progress Report
  - Lists students with outstanding enrollment steps



# Tracking Student Retention in ADVANSYS



Student Management>Attendance Alerts

*Filter for students who have not had attendance in X number of days*



Student Management>Testing Alerts

*Filter for students needing a post-test*



Student Management>Enrollment Alerts

*Active students who have not been placed into a class*



Supplemental Reports>Student NRS Registration/Attendance

*Displays reg. date, sep. date, YTD attendance & entering EFL*

# Tracking Student Retention in Power BI



## Overview tab

- *Drill into reportable students & encourage program attendance*
- *Drill into Retention Rate cells to analyze student attendance*
- *Drill into Total POPs without MSG cell*

## MSG Rate by Hours

- *Analyze MSG rate by participant hours based on entering EFL, program type, sex, race/ethnicity, age range & sex & age range*

## POPs without MSGs

- *Analyze POPs without MSGs by participant hour ranges and/or program type*

# Monitoring Program Performance – Power BI

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Overview Tab	Table 4B	Participant Pre/Post by Hours	MSG Overview	HSE Tab
<ul style="list-style-type: none"><li>• Drill into each MSG type</li></ul>	<ul style="list-style-type: none"><li>• Shows pre/post-test success rates of participants</li></ul>	<ul style="list-style-type: none"><li>• Participant post-test gain rate by hours of attendance</li></ul>	<ul style="list-style-type: none"><li>• Shows MSG type percentages earned for program year</li></ul>	<ul style="list-style-type: none"><li>• Shows data matched students for HSE diploma gains</li><li>• Always ensure you do not have students reported that the state could not match in the system. Clear monthly when applicable.</li></ul>





# Maintaining Quality in Data

Ensure efficient & effective workflow of data

- LEIS forms, NRS registrations, profile changes, GED/HiSET candidate ID numbers on record, NRS assessment entry, secondary registration entry, separation workflow, outcome entry, etc.

Adhere to page 5 of NC Assessment Manual on data entry and approval requirements

- Set faculty expectations for attendance entries
- Prevents data entry/approvals from backing up





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## Idea Generation Time!

How do you use data to guide instruction?

How do you use data to evaluate your program  
and improve program performance?

Do you use data for academic intervention and/or  
remediation?

# Tableau – Dashboards

- NCCCS website>About Us>Data & Reporting>Data Dashboards>Basic Skills/College and Career Readiness (CCR)



## Basic Skills/College and Career Readiness (CCR)

Basic Skills Headcount

Basic Skills Retention

Basic Skills Program Participation

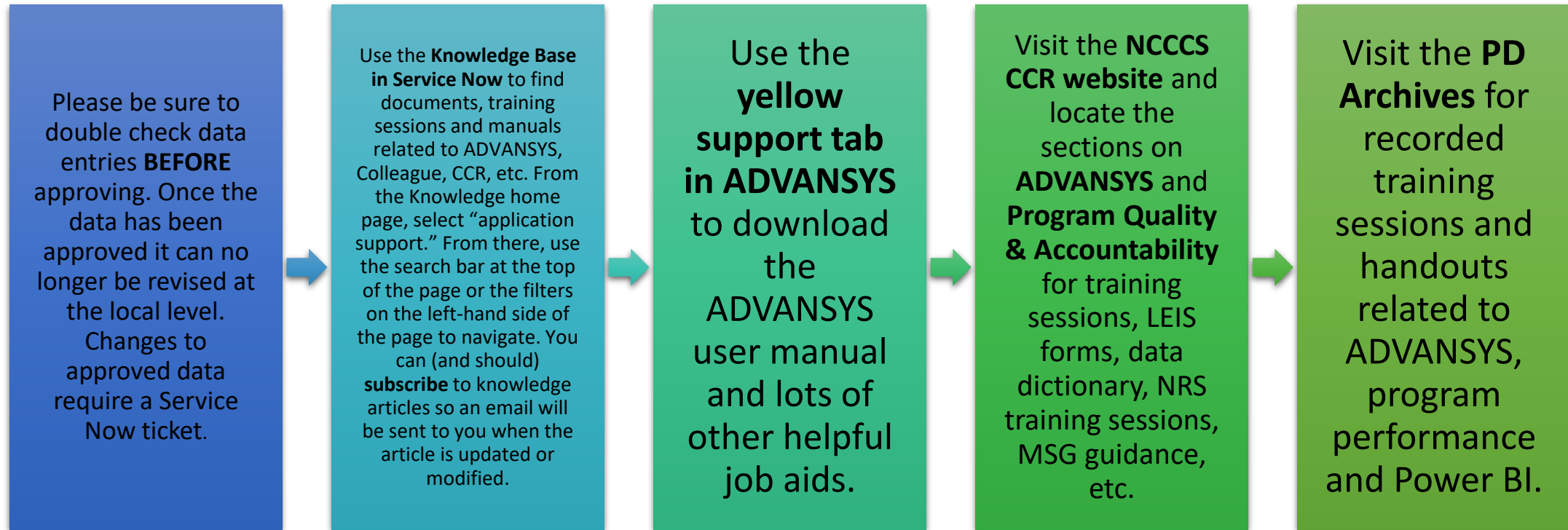
Basic Skills Measurable Skill Gain Rate (PM1) - Provider Outcomes

Basic Skills Measurable Skill Gain Rate (PM1) - Peer Comparisons

Basic Skills Follow-Up Outcomes

High School Equivalency Subsequent Postsecondary Enrollment

# Service Now Error Mitigation Handout



# Students



**Student is shown twice on the ADVANSYS Class Attendance Report** – Check that you do not have one student with two ADVANSYS accounts and/or NRS registrations.

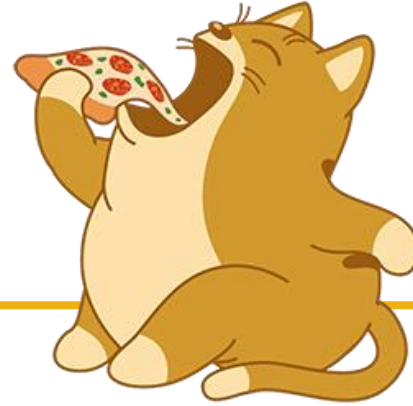


**Switching contact types in ADVANSYS.** Providers can switch a student's contact type when there are two blue arrows next to the contact type on the student's snapshot box. If the two arrows are not present on the student's record, please submit a Service Now ticket.



**GED and HiSET candidate ID information** – Be sure to enter this number on the student's demographics profile, then be sure to approve the profile change.

# Students

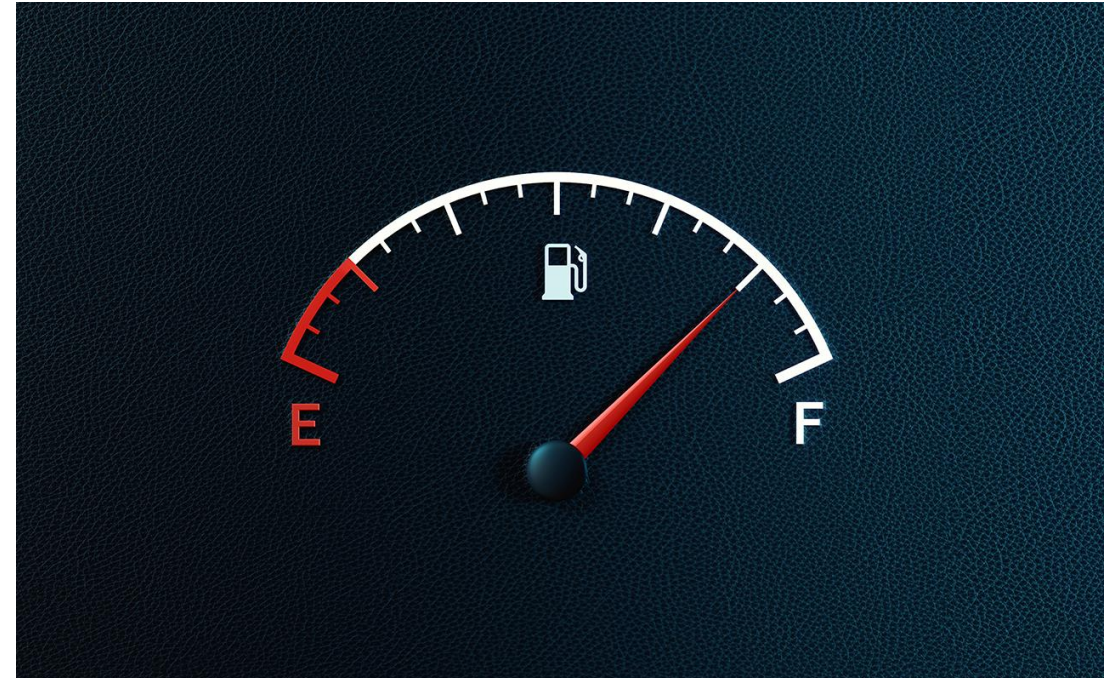


**270-day Lookback Period** – this is not a set date from year to year. See the current NC Assessment Manual for additional information on the lookback period. For the 2024-25 program year, tests must be on or after 10.5.2023 to pull in as a continuous student’s initial placement.

**NRS and Secondary Registrations** – Please separate students from secondary registrations as soon as students are no longer in that program area (AHS, MPHSE, IET, IELCE, etc.). If also separating the NRS registration at the same time, separate the NRS registration (last date of activity auto populates) first, then use that POP end date to separate the secondary registration (system defaults to today’s date).

# ADVANSYS Dashboards

- **ADVANSYS Dashboards** – Please understand that these are for informational purposes and quick glances. Hover over each area of the dashboard to get a definition of the data contained in that area of the dashboard. Dashboards update at 2am daily. Changes made in the system will not be seen until the next day. Dashboards must be reset by the vendor at the beginning of new program years (usually around the end of August). For programmatic decisions and up-to-date reporting within ADVANSYS, always use the reports under the Student Management, Class Management and Reports tab. (See handout on NCCCS CCR ADVANSYS website with more details on the dashboard areas/content.)



# AHS Notes



Students move from ASEL (Level 5) to ASEH (Level 6) once 16.5 credits earned.

Set the entering EFL for AHS students on transcript, even if student also has NRS assessments.

Set a reminder in July to set the entering EFL for continuous AHS students on transcript.



# ADVANSYS Notes



- Future date of service (FDS) in ADVANSYS is 180 days
  - (Was 120 days in Colleague)
  - Must be student prompted
  - Service Now incident needed to remove FDS



## Integration

**Service Now KB0014159, ADVANSYS and Colleague Integration Errors and Resolutions** – Please download this document and subscribe to the article to ensure you receive updates. This document will assist in clearing the most common Boomi errors.

# Service Now Notes

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Please submit tickets to Service Now instead of emails or Teams chats.

- ...When in doubt, submit a Service Now ticket

Recommend only having 1 or 2 Service Now requesters for CCR to limit duplicates & confusion

- Others can be added to watchlist

# Questions?

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