

Customizing Evaluation Calendars and Reporting Using Live URL Data Feeds and Blue API


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WAYNE STATE
UNIVERSITY

Course schedules are changing



Customized
course
schedules

The diagram consists of two large, dark blue, blocky arrows pointing towards each other, meeting at a central point. The left arrow points right, and the right arrow points left.

Ongoing
changes to
data fields



Custom integrations

Blue



Banner



COGNOS



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Automation

- Data Flows
- From Banner to Blue
- Blue to Data Warehouse

Data Flows

Data source:
Banner

Survey
implementation:
Blue

Data
transformation:
Python

Data
warehousing:
ODS

Secure
hierarchical
reporting:
COGNOS

Data flow: Banner to Blue

Data source: Banner

Live URL Data Feeds allow us to easily adapt to ongoing updates from the departments.

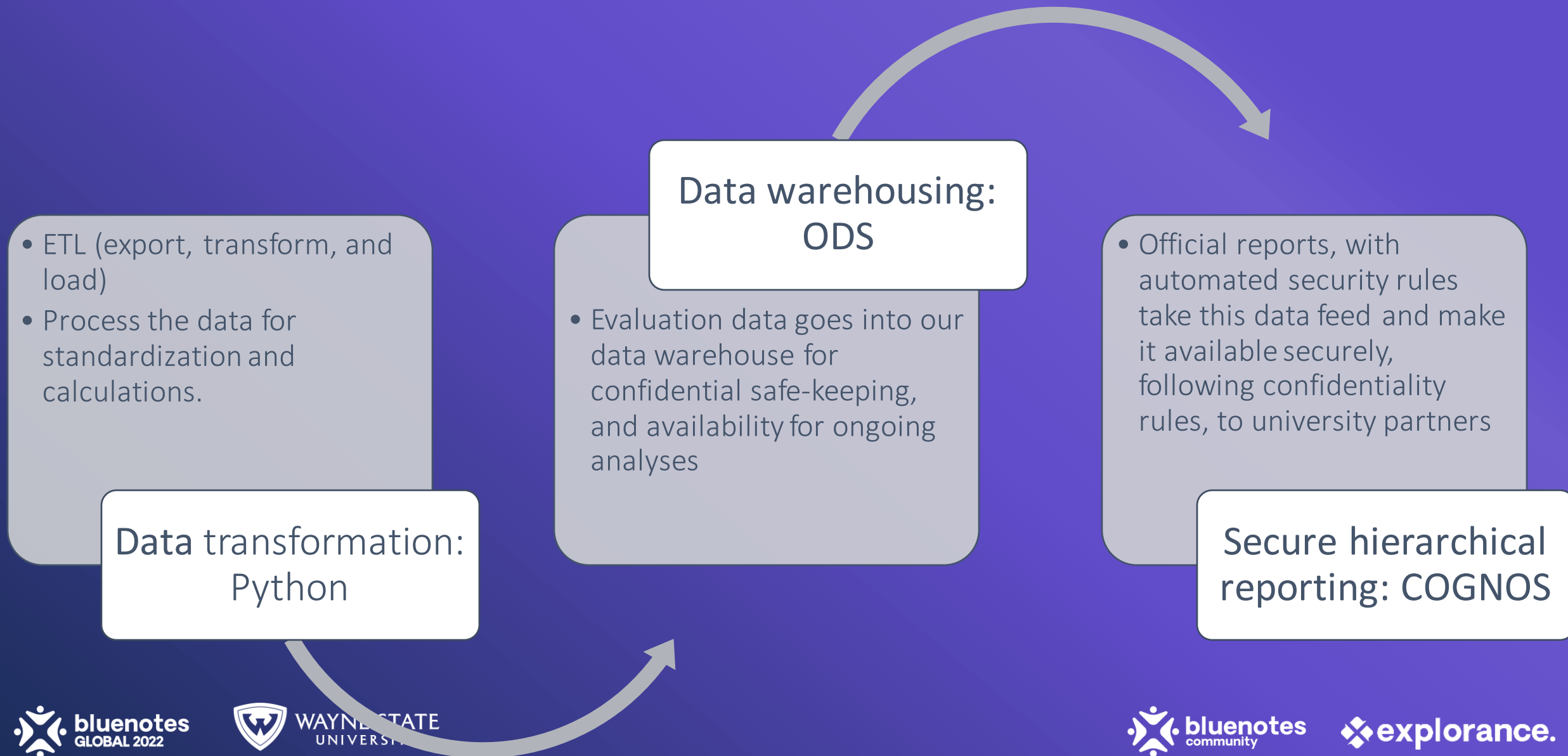
Courses close, faculty change, and students reschedule

Survey implementation: Blue

Linkages populate the tasks which go out as part of the evaluation, including students, faculty, and course information



Data Flow: Blue to Data Warehouse



explorance. Welcome Hayder Hamandi
Wayne State University [Sign Out](#)

ADMIN

Datasource
Editing: Courses

Info | **Data** | Import/Export | Display Settings

Data Blocks | Relationships

Data Block

Name:
(Alphabetical characters only, no spaces (), backslashes (\), ampersands (&), apostrophes ('), dollar signs (\$), hyphens (-), or plus symbols (+) allowed)

Description:

Type: Required Data Block

Import Option: Overwrite Update

Connection:

CSV URL Path:
(CSV file has to be UTF8 encoded for multilingual support)

[Connect](#)

Field Name	Data Type	Caption	Select
COURSEID	String	COURSEID	<input checked="" type="checkbox"/>
COURSE_NAME	String	COURSE_NAW	<input checked="" type="checkbox"/>
DESCRIPTION	String	DESCRIPTION	<input checked="" type="checkbox"/>
CLASS_TYPE	String	CLASS_TYPE	<input checked="" type="checkbox"/>
COURSE_SUBJECT	String	COURSE_SUB	<input checked="" type="checkbox"/>

[Apply](#) [Cancel](#)

Note: Changes to data block settings (i.e. Import option, field selection) will be reflected in the DataSync Tool after the next completed import.

blue



Those who we give special privileges are added here

The screenshot shows a web application interface for 'Student Evaluation of Teaching'. A modal window titled 'Add Coordinator' is open, displaying a form with the following fields:

- Access ID**: A text input field.
- SIP Code**: A dropdown menu with 'RCI' selected.
- Department**: A text input field.

At the bottom of the modal, there are two buttons: 'Close' and 'Add Coordinator'. The background shows a table with columns for 'SET Coordinator' and 'Actions', and a navigation bar with 'Home | Users | SIP Cod'.

We can use this to add sip codes as they change

Student Evaluation of Teaching

Home | Users | SIP Codes | Fake Courses | SET Coordinators | Logout

Manage SIP Codes

Show entries

Search:

[Add Code](#)

SIP Code	Description	Actions
9EO		
ACC		
ACO		

Survey implementation: Blue

- Linkages populate the tasks which go out as part of the evaluation, including students, faculty, and course information

Fill out task
(students complete)

Subject view task
(faculty view-
response rate
dashboard)

Report view
privilege (faculty)

Subject view
management (SET
coordinators)

New approach for students who do not want to participate

- How to use triggers to selectively hide questions
- Make sure the participation question is mandatory
- Show how they can be used in a traditional student evaluation survey.

Would you like to participate in this evaluation? *

Yes, I would like to provide feedback.

No, I would NOT like to participate. Please stop sending me reminders for this course.

Previous

Next

Data transformation: Python

Calculations

- We process the data to create medians, means, standard deviations, standardized rounding approaches, frequencies, and the mean sum which is unique to our university.

Automation

- These rules are set to run in the background automatically using Python.

Data warehousing: ODS

- Evaluation data goes into our data warehouse for confidential safe-keeping, and availability for ongoing analyses



Secure hierarchical reporting: COGNOS

- Official reports, with automated security rules take this data feed and make it available securely, following confidentiality rules, to university partners.

Conclusion

Don't be afraid to try these new options in Blue.

They can streamline your approach to adapt to modern changes to course registration systems.

We recommend the CSV URL/path approach in the data source section of Blue.

Thank you.

Any questions?