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

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Course schedules are changing

Customized course schedules

Ongoing changes to data fields

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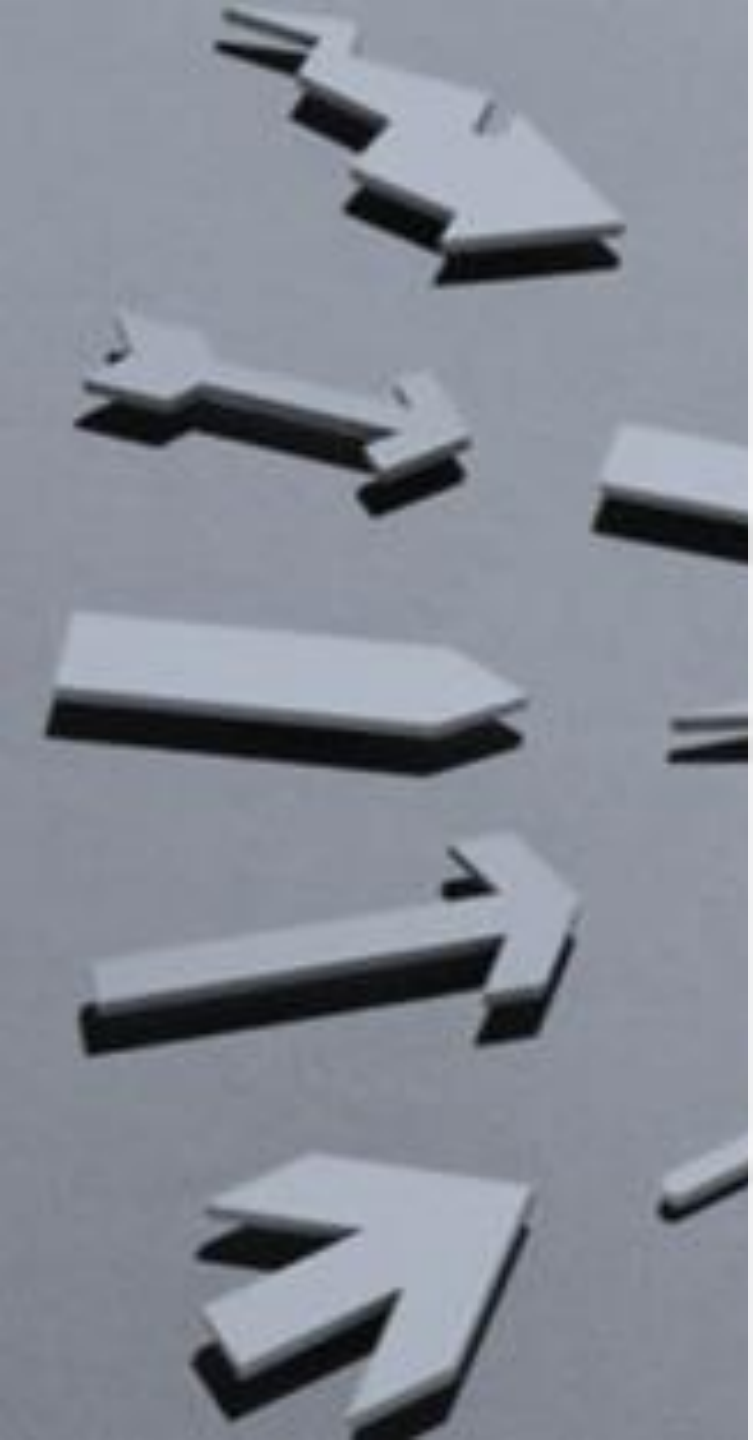

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Custom integrations

Blue

Banner

COGNOS

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Automation

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

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Data Flows

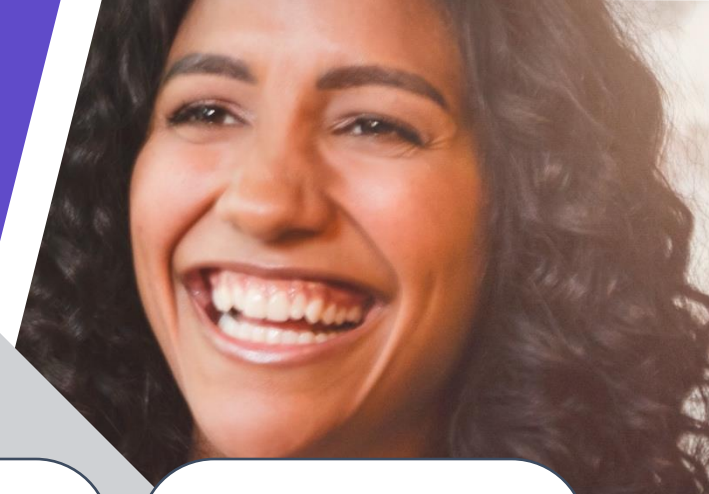
Data source: Banner

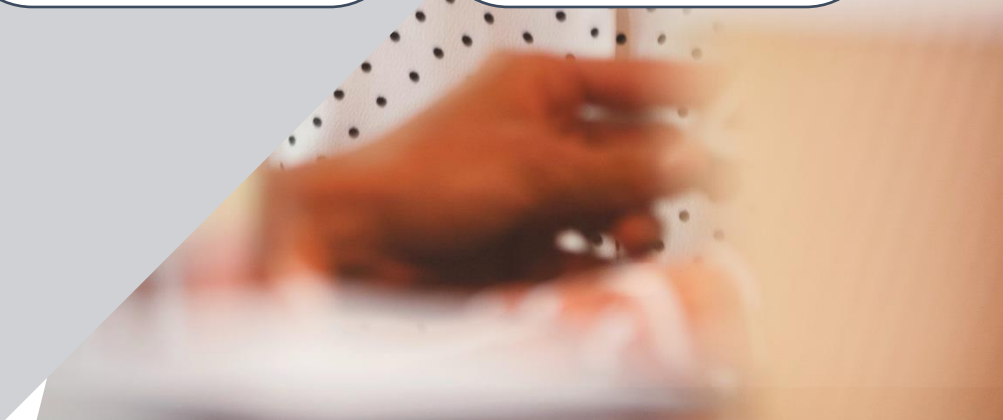
Survey implementation: Blue

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

- ETL (export, transform, and load)
- Process the data for standardization and calculations.

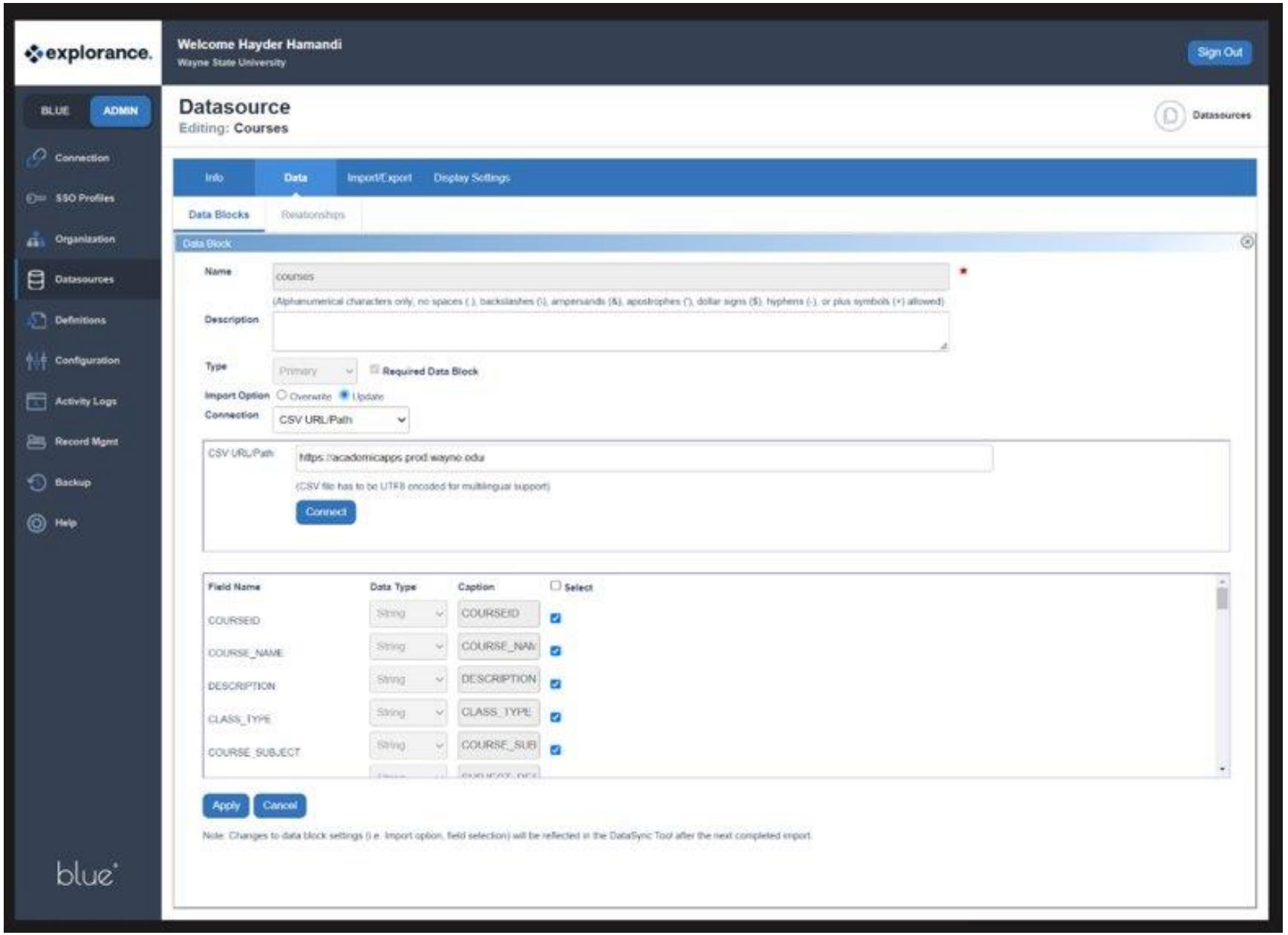
Data transformation: Python

Data warehousing: ODS

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

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

Secure hierarchical reporting: COGNOS



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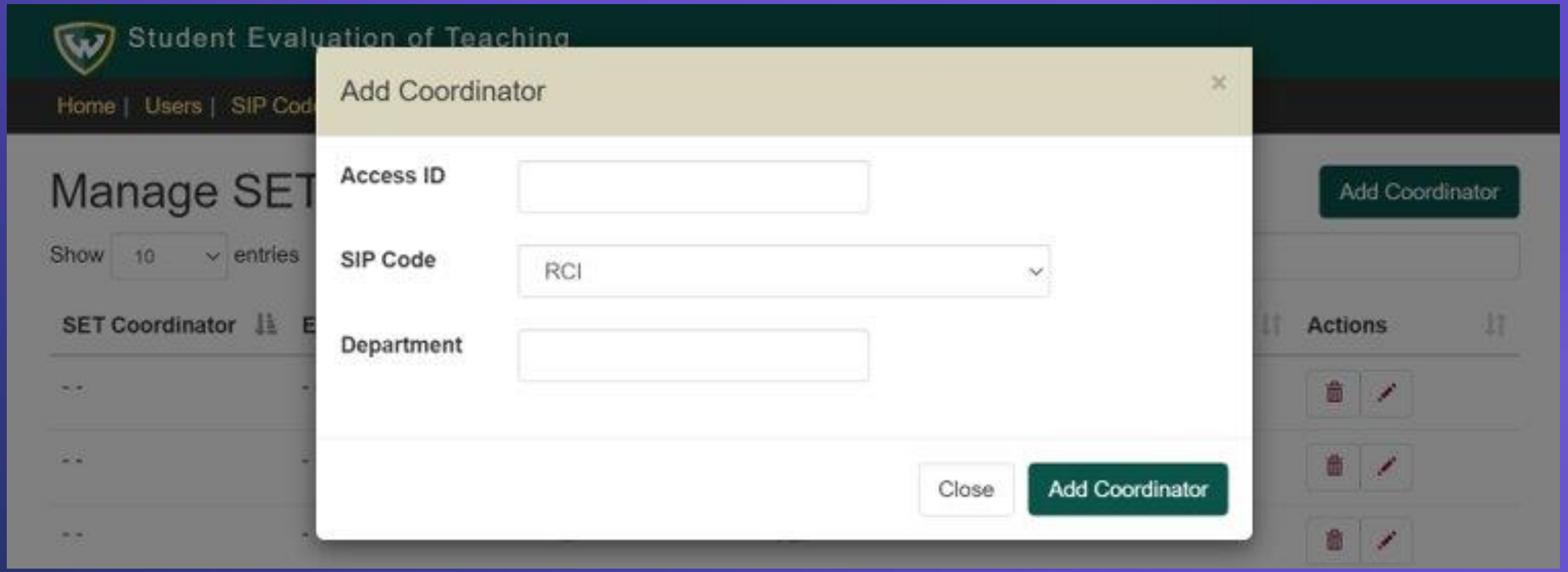
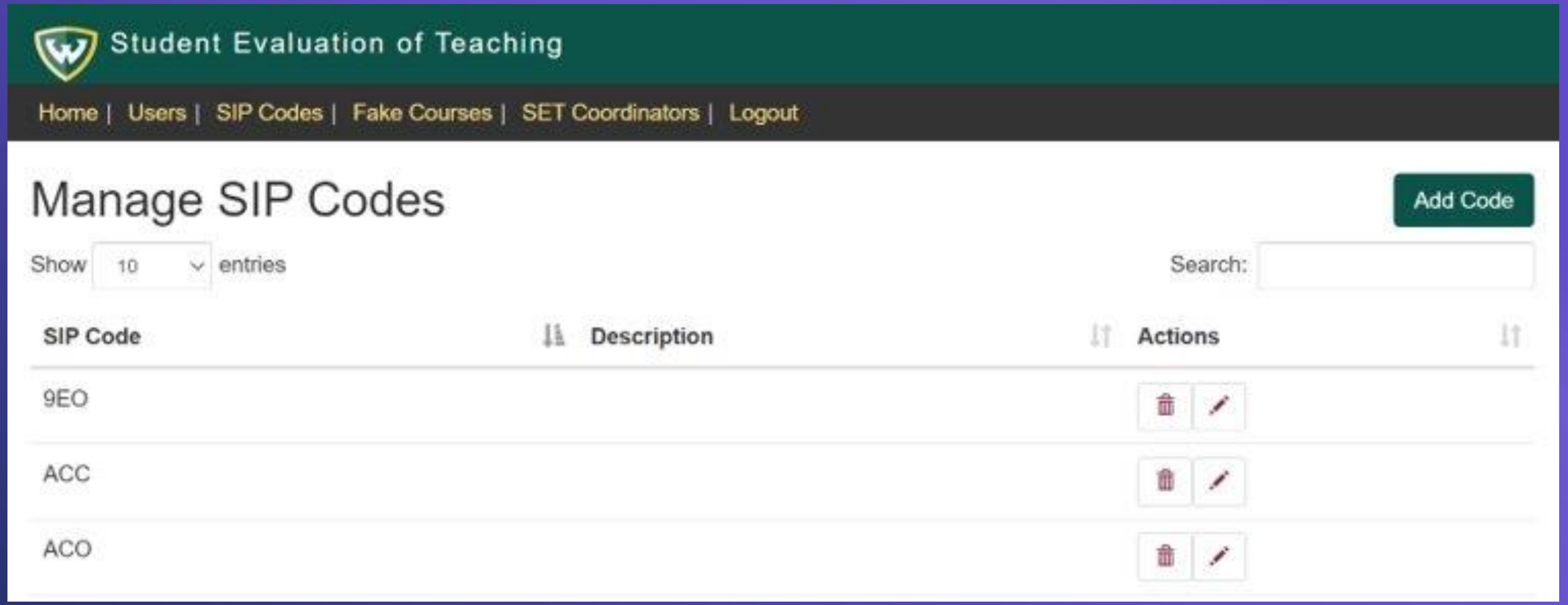
Those who we give special privileges are added here



We can use this to add sip codes as they change



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)

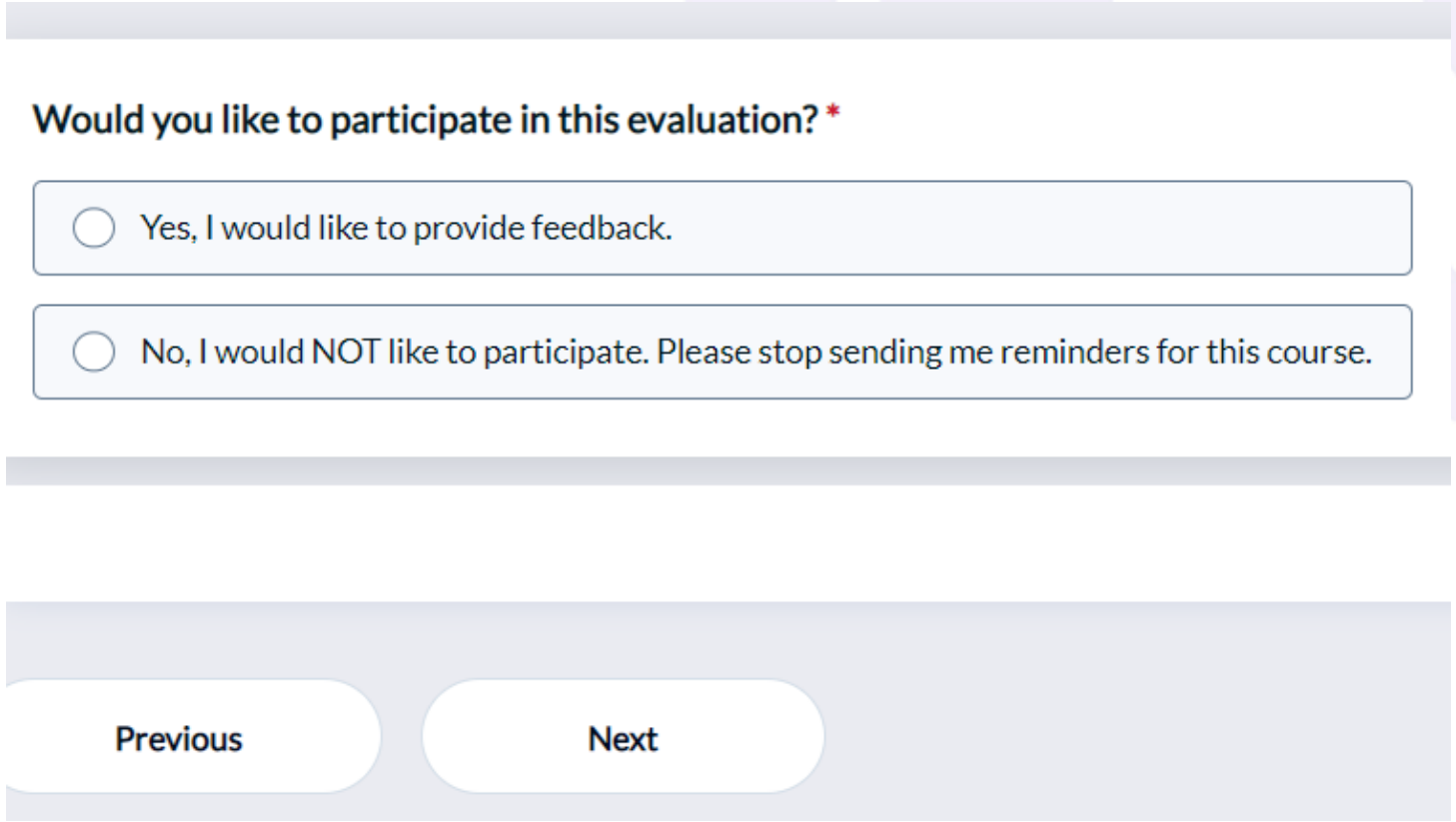
Subject view task (faculty view- response rate dashboard)

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 evalua tion survey.



Data transformation: Python

Calculations

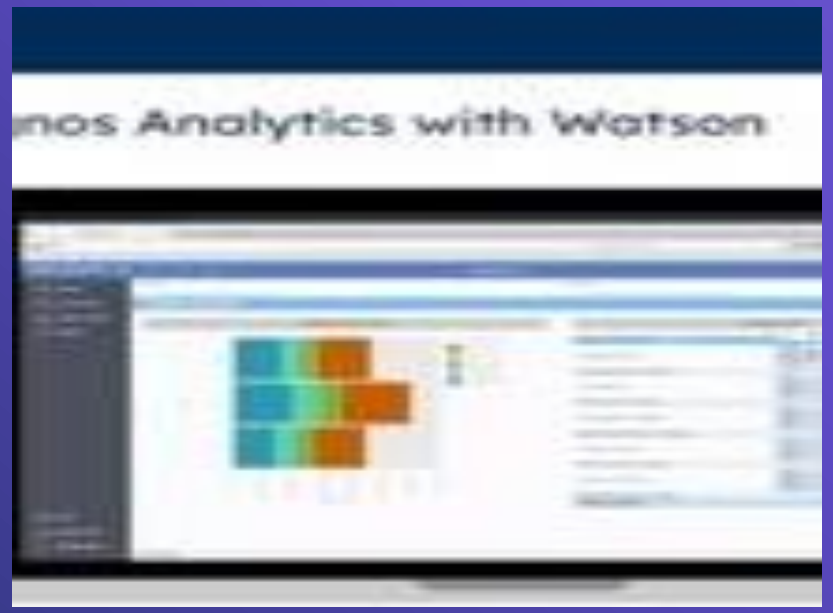
- We process the data to create medians, means, standard deviations, standardized rounding approaches, frequencies, and the mean sum which is unique to our university.

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.

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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.

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Thank you.

Any questions?

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