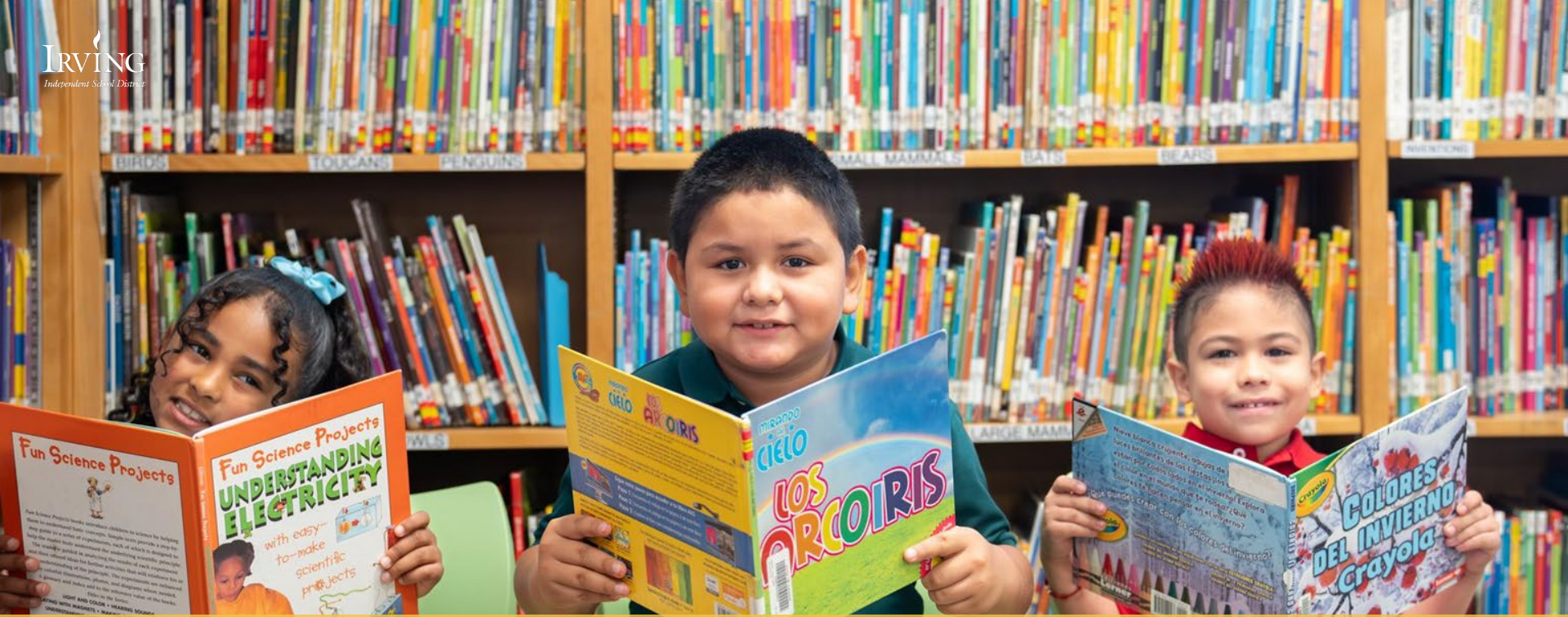
IRVING
Independent School District

DecisionEd™

Leveraging Data for Performance Education



Applying Strategic CCMR - *Before It's Too Late*

Irving Independent School District

DecisionEd™

Leveraging Data for Performance Education

Challenges of Data

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Leveraging Data for Performance Education

- Disparate sources throughout the district
- Data is not connected
- Difficult to capture, difficult to structure / format

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Your Key to Data Empowerment

All of Your Data at Your Fingertips

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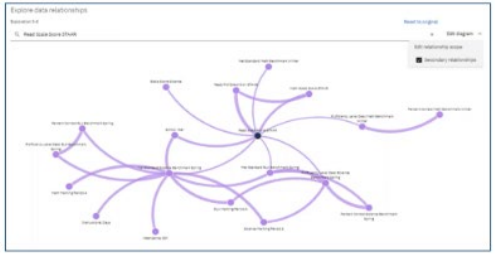
Leveraging Data for Performance Education

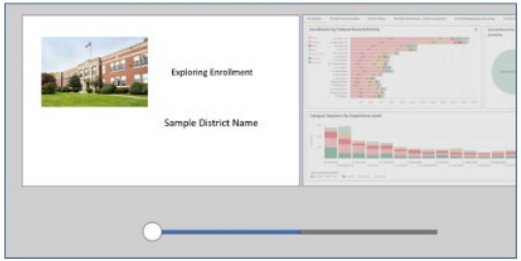
Dashboards

AI Based Exploration



Reports

Story Boards



Reimagine Your Data

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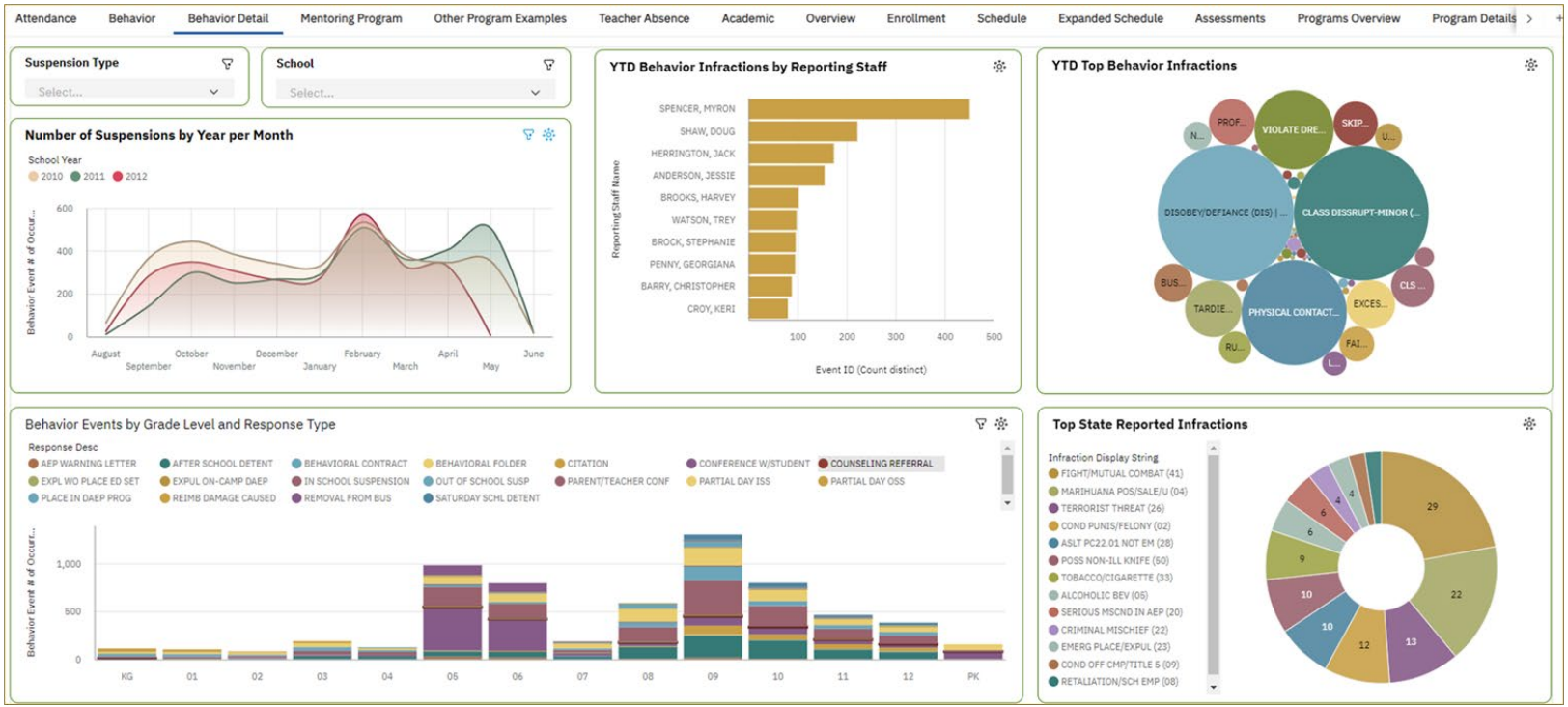
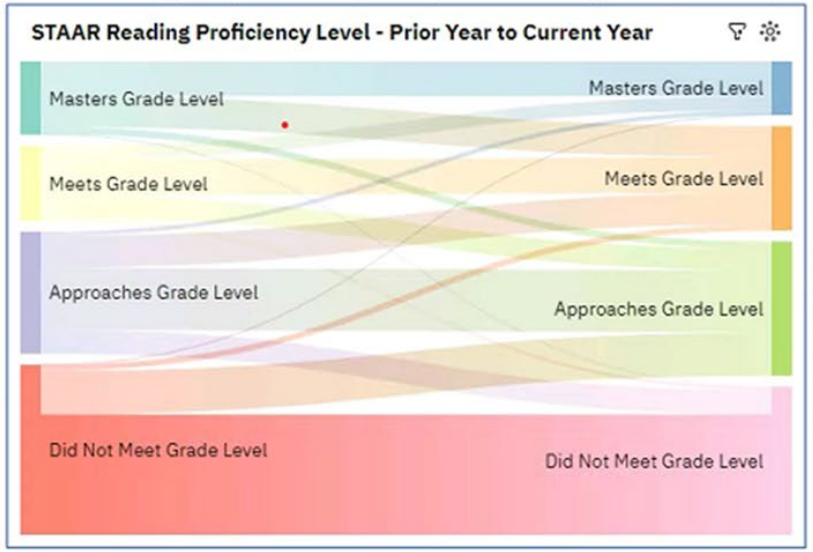
Leveraging Data for Performance Education



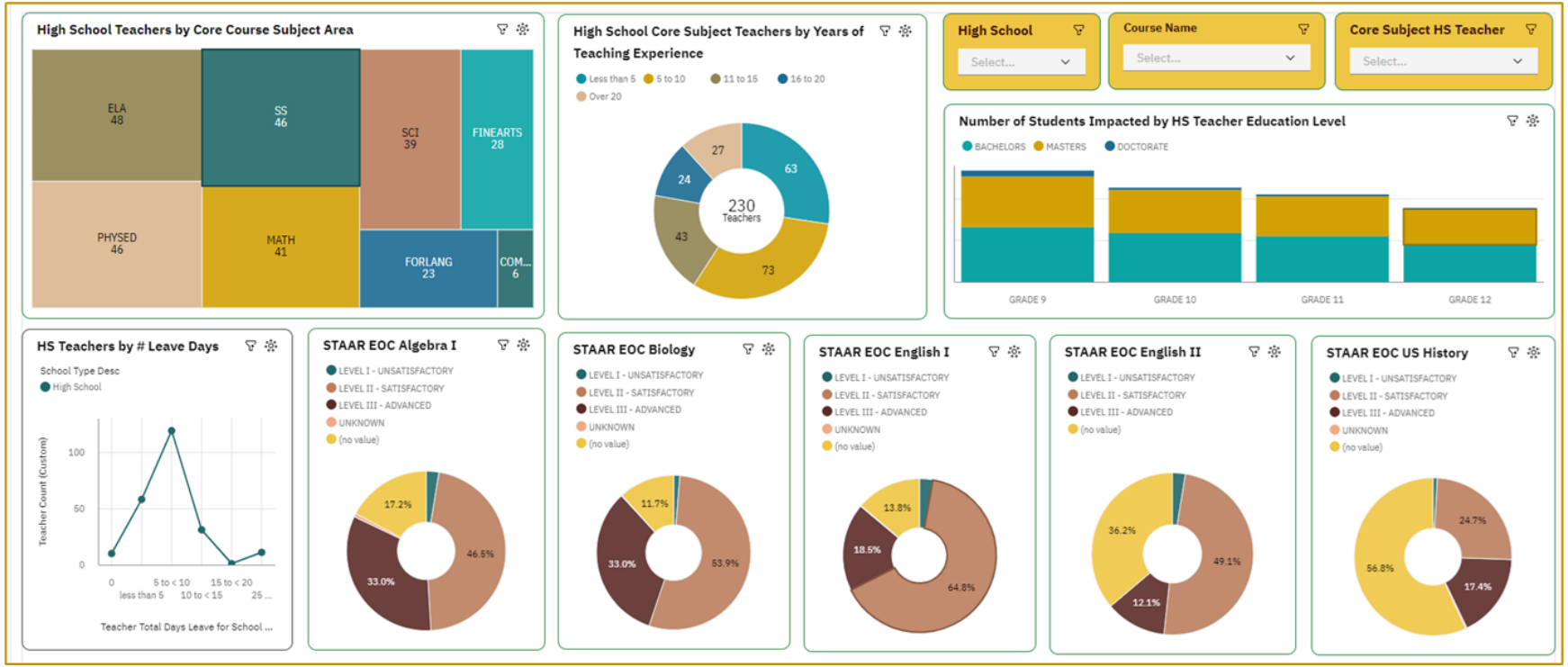
Examine Matched Cohort Assessment Results

Grades 6-8 Math Benchmark and STAAR Comparison

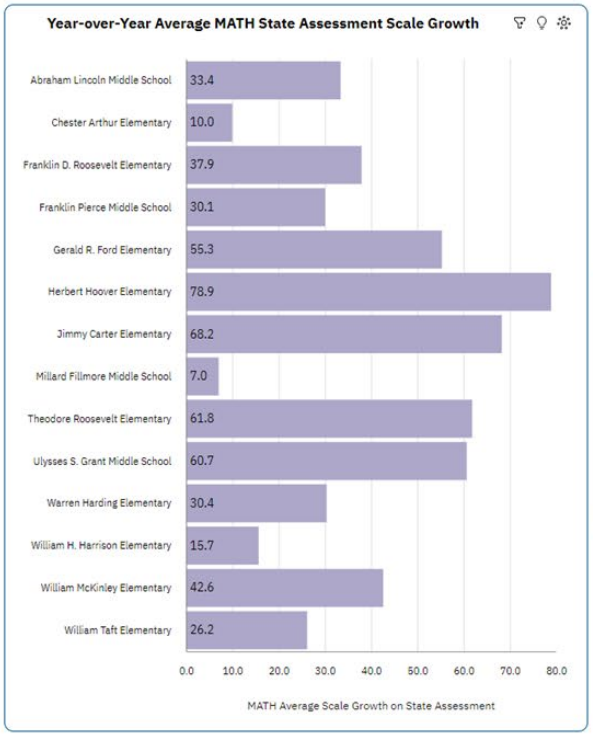
Row	School	Student ID	Student Name	Grade Level	Chronic Absent	Econ Dis Flag	Math BENCHMARK - WINTER	Math BENCHMARK - SPRING	Math BENCHMARK - FALL	STAAR Mathematics Prof Level Desc	STAAR Math Scale Score
1	F. Pierce MS	8068384788	Abbott, Rina	08	N	Y	Below Standard		Below Standard	Meets Grade Level	1,595
2	F. Pierce MS	8808385589	Abbott, Wade	08	N	Y	Below Standard		Below Standard	Did Not Meet Grade Level	1,555
3	M. Fillmore MS	8888081088	Acevedo, Carolyn	08	N	Y	Met Standard		Above Standard	Masters Grade Level	1,868
4	A. Lincoln MS	8808688289	Acosta, Dieter	08	N	N	Above Standard	Below Standard	Met Standard		
5	F. Pierce MS	8948089788	Acosta, Elton	08	N	N		Met Standard	Below Standard	Meets Grade Level	1,607
6	M. Fillmore MS	8508983989	Acosta, Herman	08	N	N	Met Standard	Met Standard	Below Standard	Meets Grade Level	1,764
7	F. Pierce MS	8088580988	Acosta, Salvador	08	N	N		Met Standard	Below Standard	Meets Grade Level	1,788
8	U.S. Grant MS	8968984588	Adams, Gage	08	N	N	Above Standard	Above Standard	Above Standard		
9	A. Lincoln MS	8418881389	Adams, Iola	08	Y	N		Below Standard		Meets Grade Level	1,583
						Y	Below Standard		Below Standard	Did Not Meet Grade Level	1,564
						Y		Below Standard	Below Standard		
						N	Below Standard		Met Standard	Did Not Meet Grade Level	1,561
						N	Met Standard	Below Standard	Below Standard		
						N	Above Standard		Above Standard		
						N	Met Standard		Met Standard	Meets Grade Level	1,816
						N	Below Standard		Below Standard	Meets Grade Level	1,665
						Y		Met Standard	Met Standard	Meets Grade Level	1,753
						N		Met Standard	Met Standard	Meets Grade Level	1,750
						Y	Met Standard	Below Standard	Above Standard		
						Y		Below Standard	Met Standard	Meets Grade Level	1,742
						N				Masters Grade Level	1,941
						Y		Below Standard	Below Standard	Meets Grade Level	1,652
						N		Below Standard	Met Standard	Meets Grade Level	1,641
						N		Met Standard	Met Standard	Meets Grade Level	1,713
						Y		Met Standard	Met Standard	Meets Grade Level	1,700
						N	Met Standard			Meets Grade Level	1,816
						N	Below Standard	Met Standard	Met Standard		
						Y		Met Standard	Below Standard	Meets Grade Level	1,665
						N	Met Standard	Met Standard	Below Standard		
						N	Above Standard	Met Standard	Met Standard		

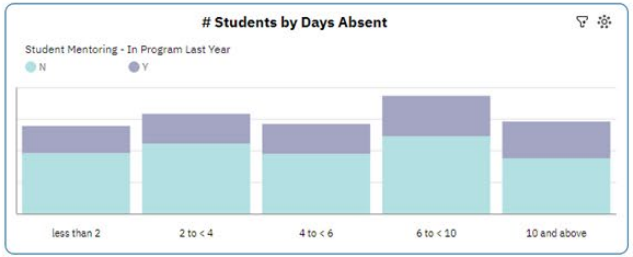


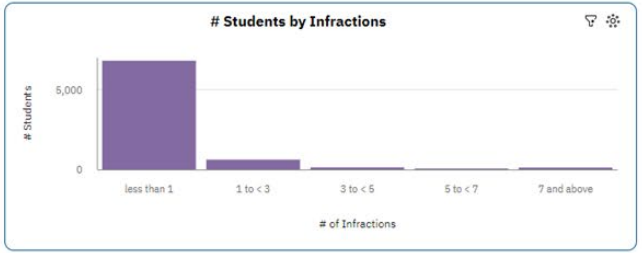
Analyze Factors Impacting STAAR Outcomes

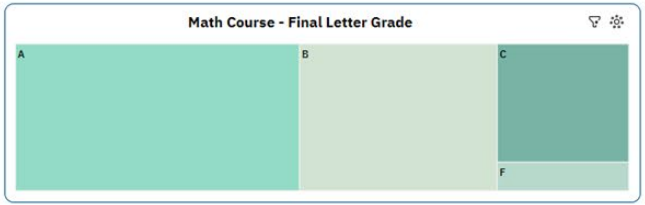


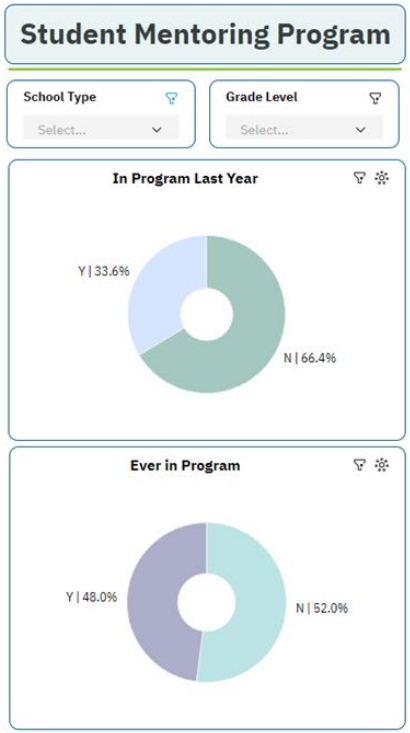
Evaluate and Monitor Program Effectiveness



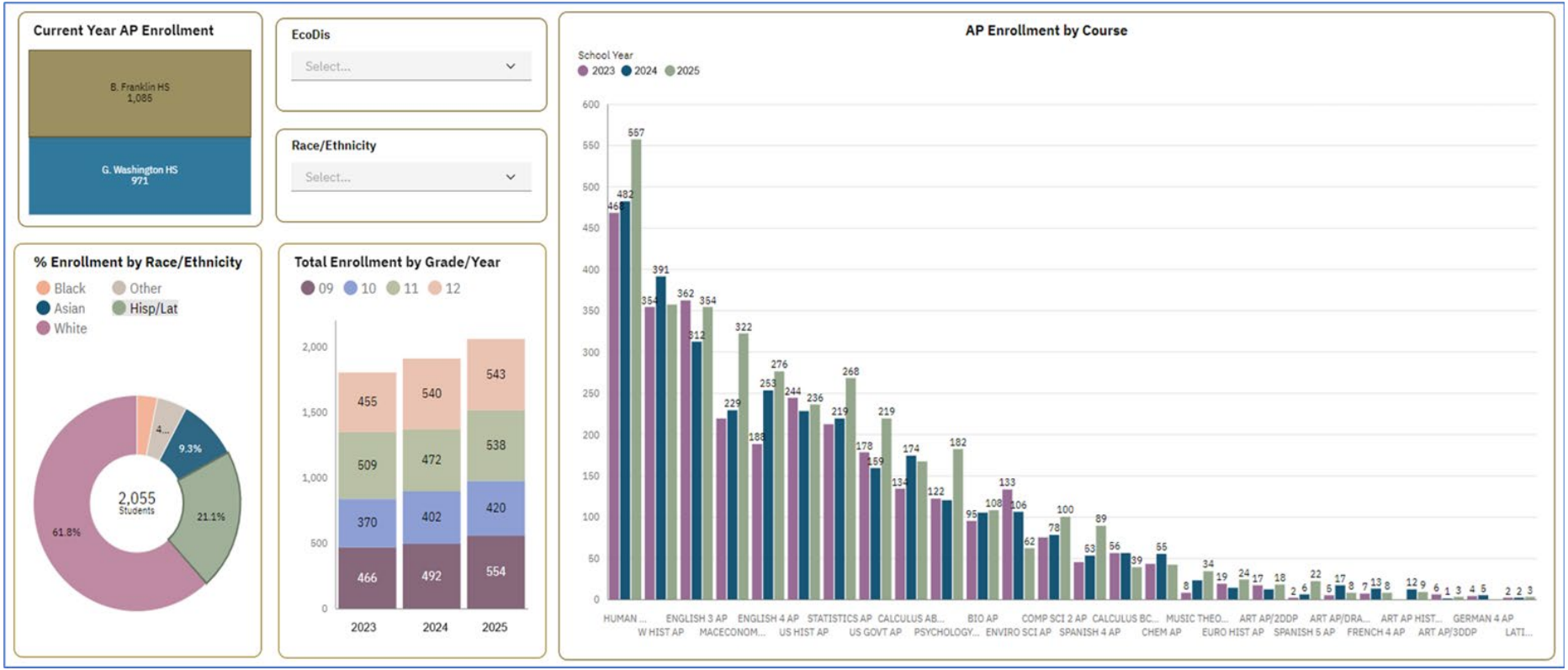








Advanced Course Enrollment/Completion



Teacher Incentive Allotment

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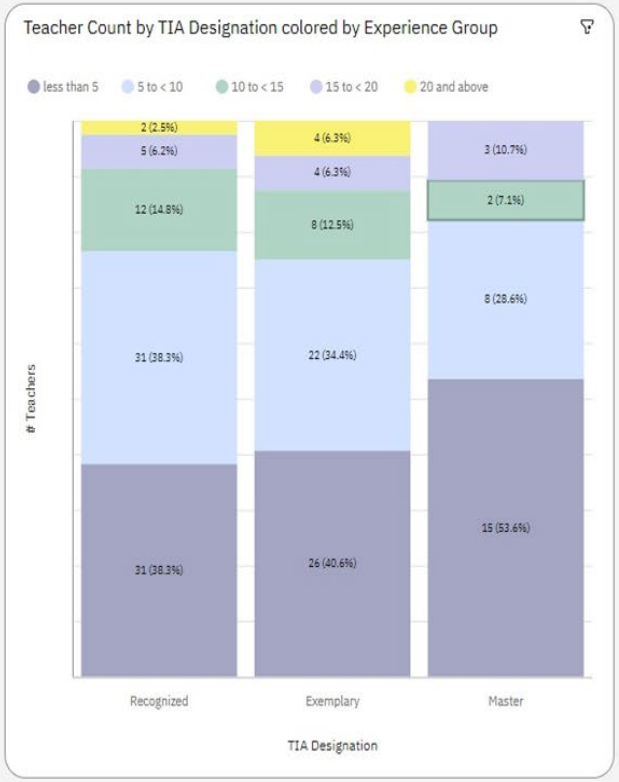
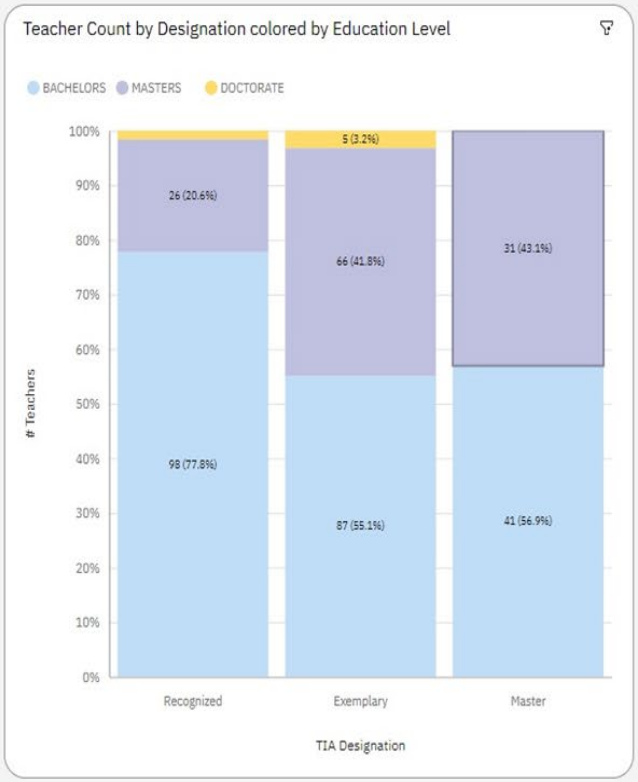




School Year
2024-2025
2023-2024
2022-2023

School
Select...

Grade
Select...

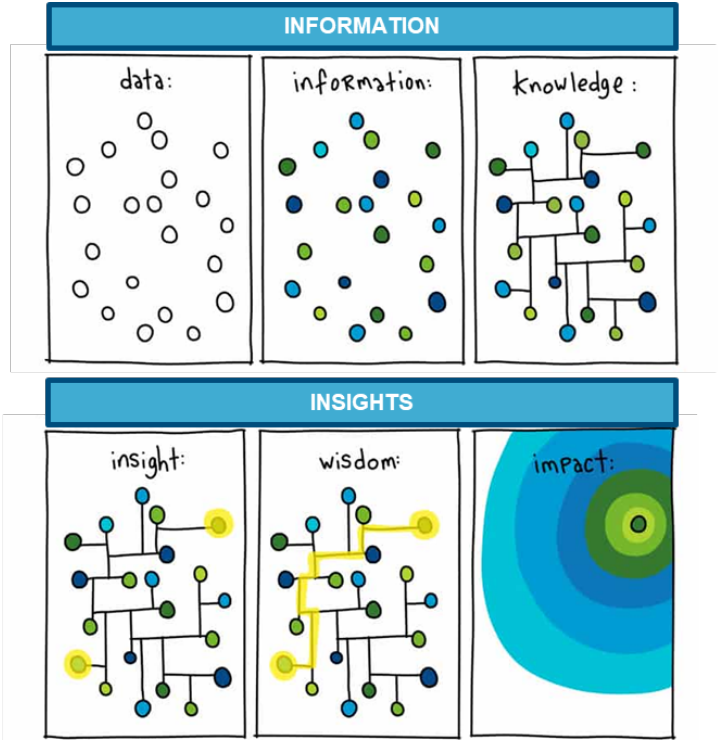
How is Irving ISD going further with DecisionEd?

What is Data Empowerment?

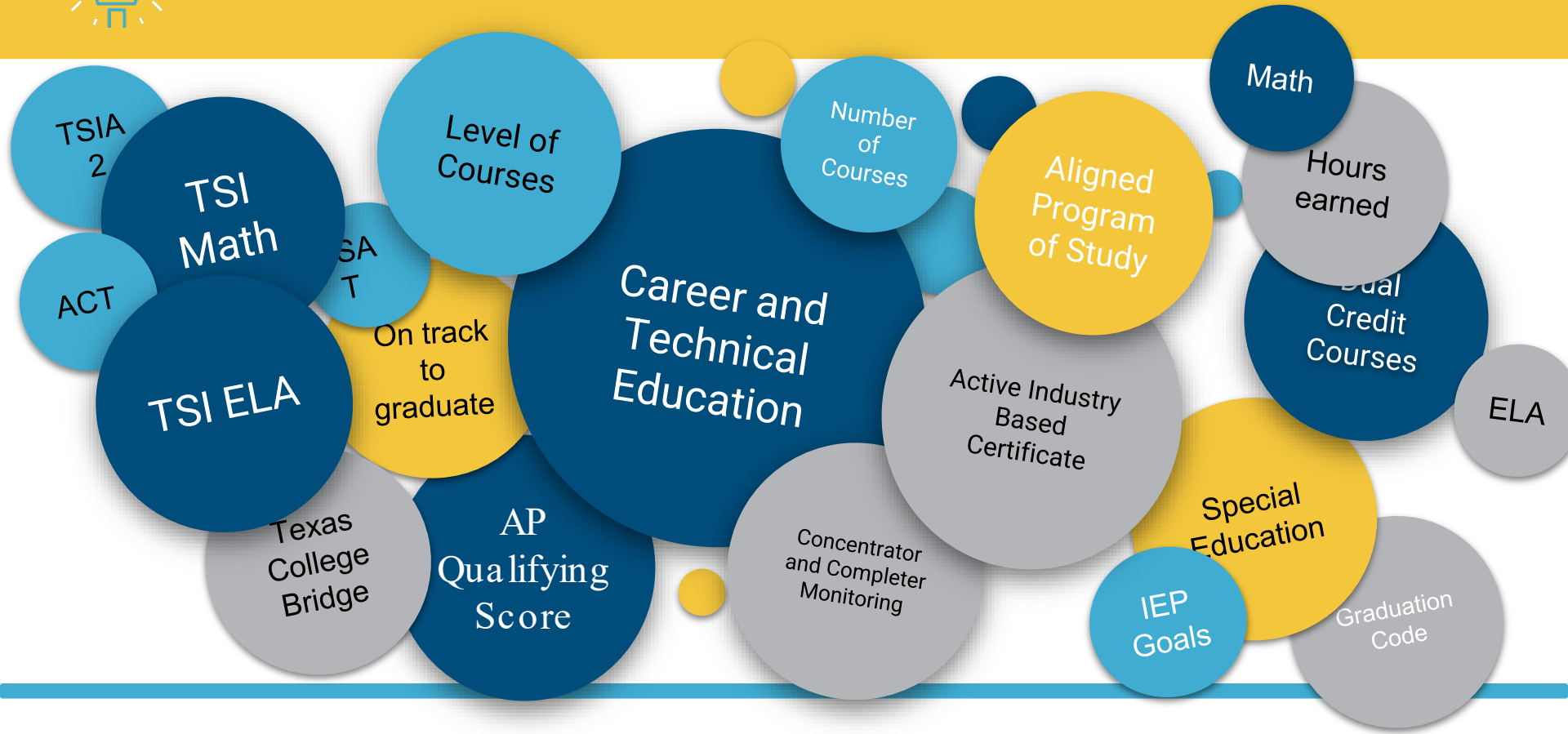
The ability for stakeholders to use data to inform decisions and shape innovation.

How do we create a culture of data empowerment?

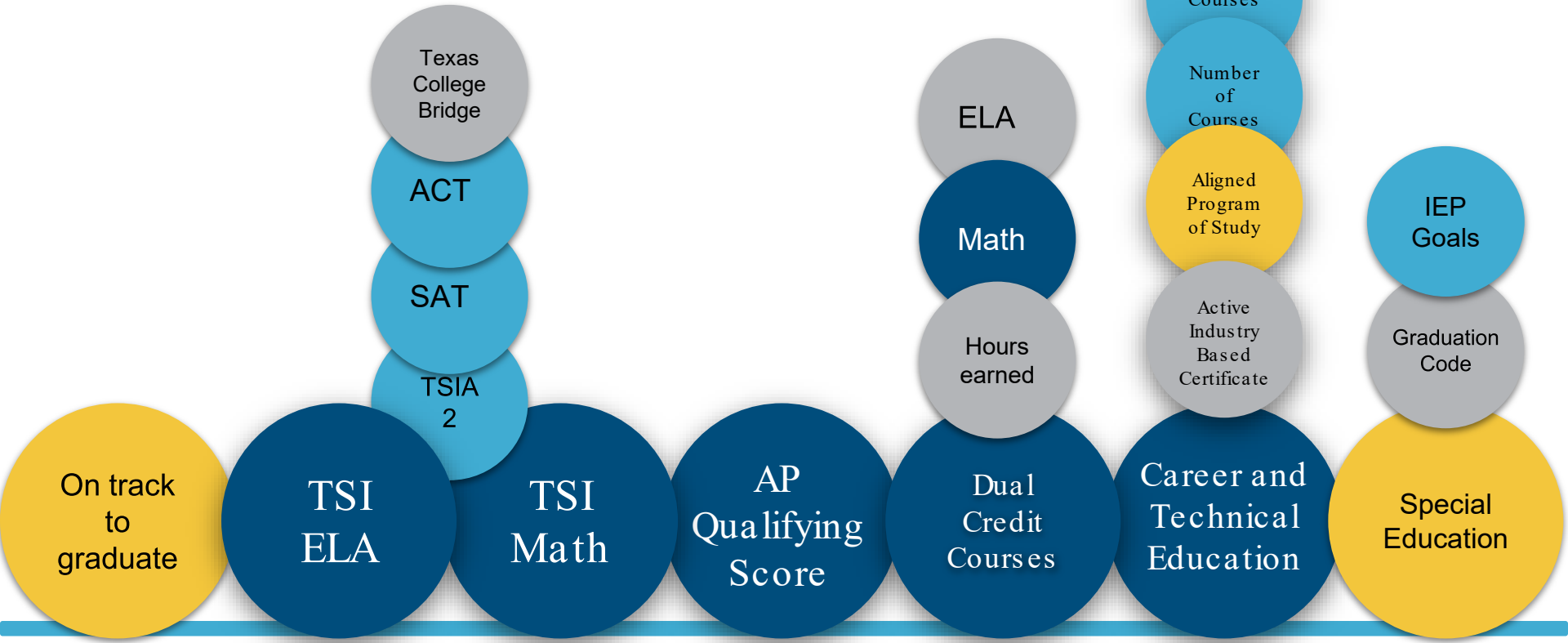
- Identify and break down barriers to effective data utilization.
- Streamline data by pulling together all relevant systems and linking them.
- Build capacity around common metrics, monitored with greater fidelity.



CCMR Chaos


TSIA 2
TSI Math
ACT
TSI ELA
SA T
Level of Courses
On track to graduate
Career and Technical Education
Number of Courses
Aligned Program of Study
Math
Hours earned
Dual Credit Courses
ELA
Active Industry Based Certificate
Special Education
Texas College Bridge
AP Qualifying Score
Concentrator and Completer Monitoring
IEP Goals
Graduation Code

CCMR Monitoring



STEP 1: Find the data

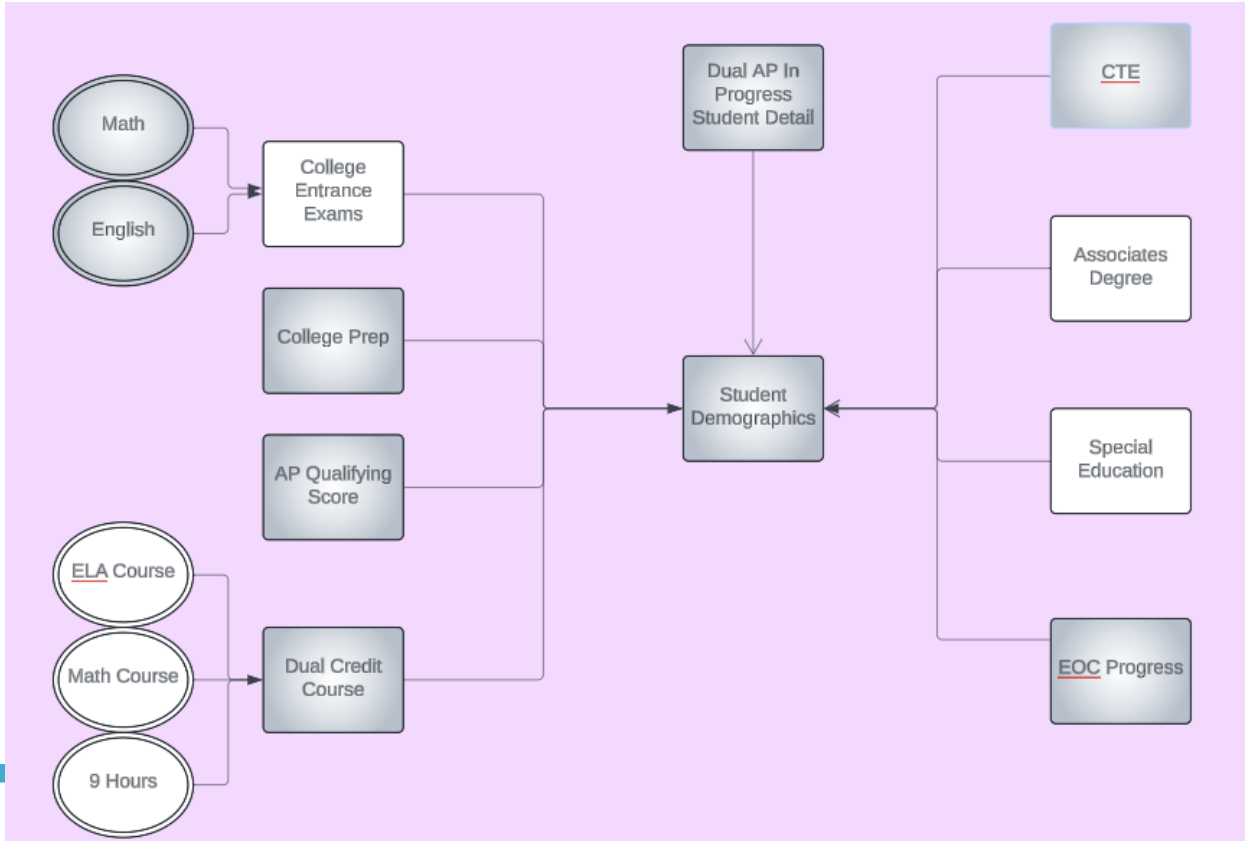
- Assessment Data
  - College Entrance- TSIA2, ACT*, SAT
  - AP Scores
  - IBC*
- Courses Completed and In Progress
  - Dual Credit
  - AP
  - CTE*
  - College Prep*
- Special Education Transition Plans
- Graduation Risk
  - EOC's Passed
  - Number of Credits Earned

DATES

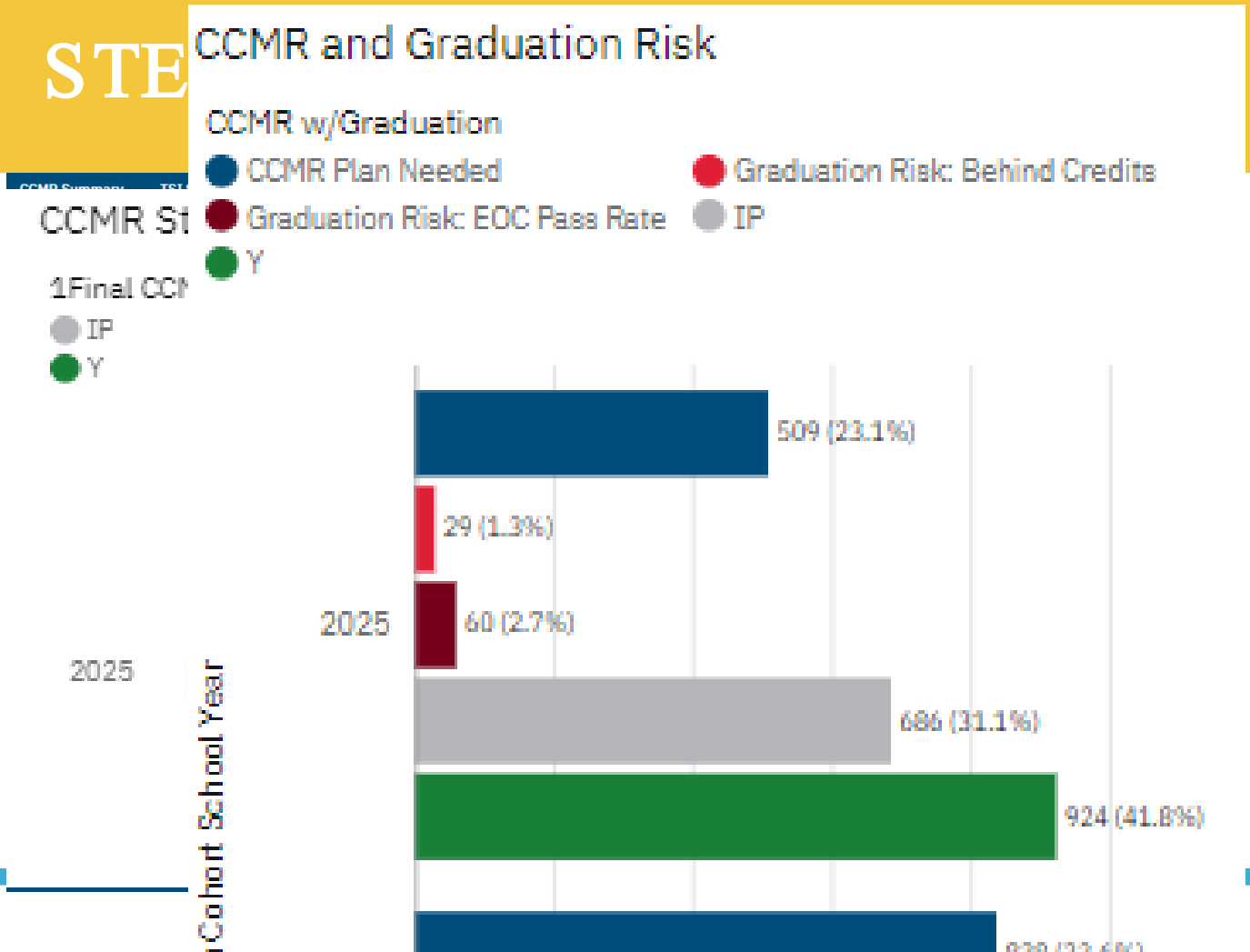
STEP 2: Learn the STRUCTURE of your data

- What dimensions do you need?
- What will you use as a key to connect the data parts?
- Find TEA lists for IBC, Program of Study, and approved course lists
- What pieces do you want to flag as In Progress?

STEP 3: Many Small Parts

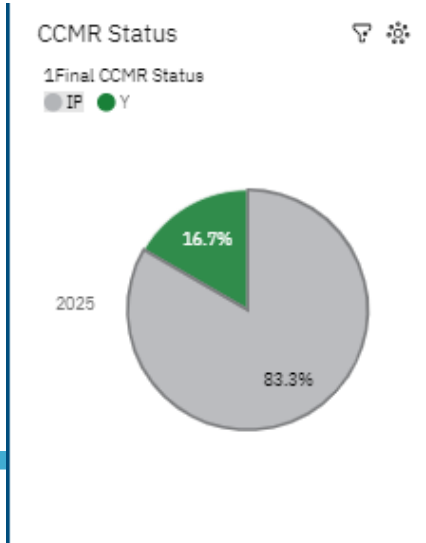


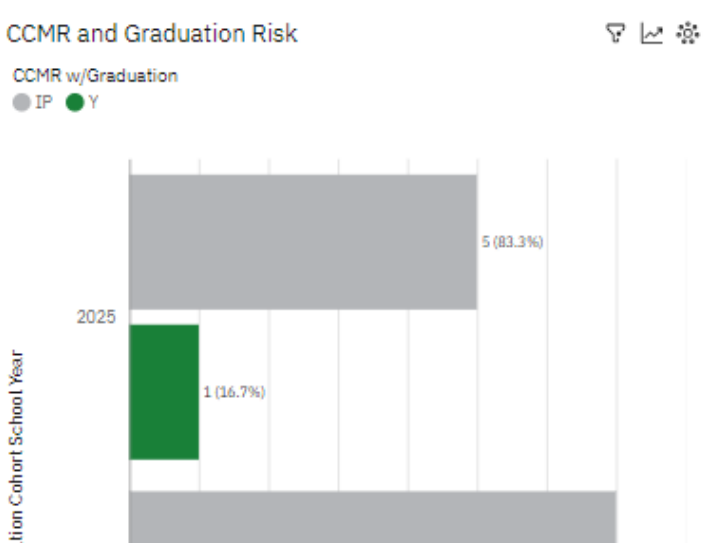
STE


CCMR and Graduation Risk
CCMR w/Graduation
CCMR Plan Needed
Graduation Risk: Behind Credits
Graduation Risk: EOC Pass Rate
IP
Y
509 (23.1%)
29 (1.3%)
60 (2.7%)
686 (31.1%)
924 (41.8%)
2025
School Year

The Power of Progress

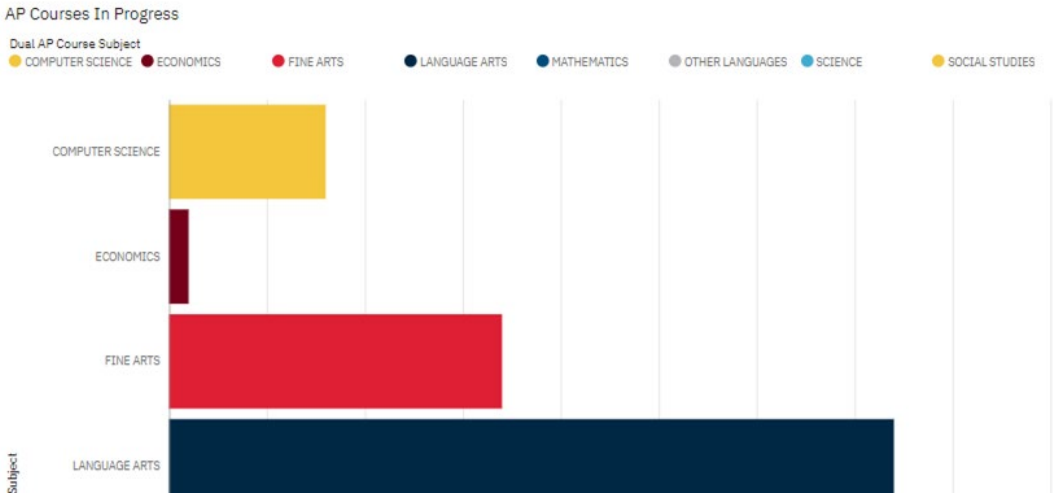
- Ex 1: Students passed an IBC, how many of those are in corresponding classes to get CCMR Met? How many are already CCMR Met in another area?





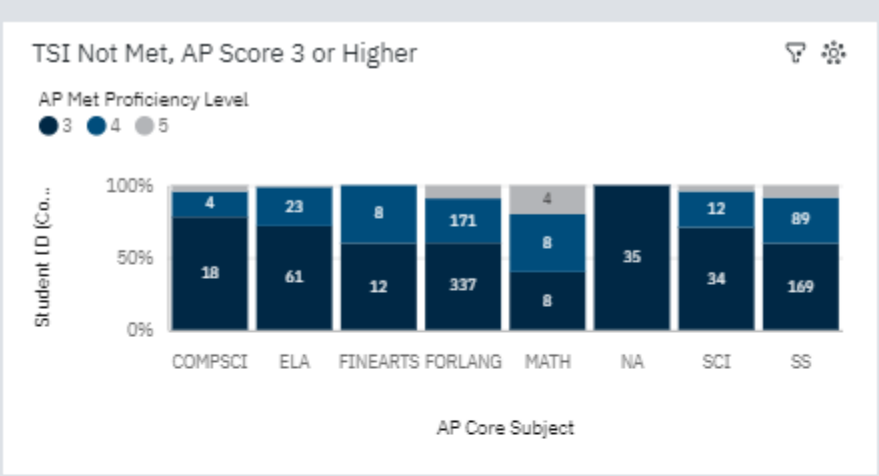
The Power of Progress

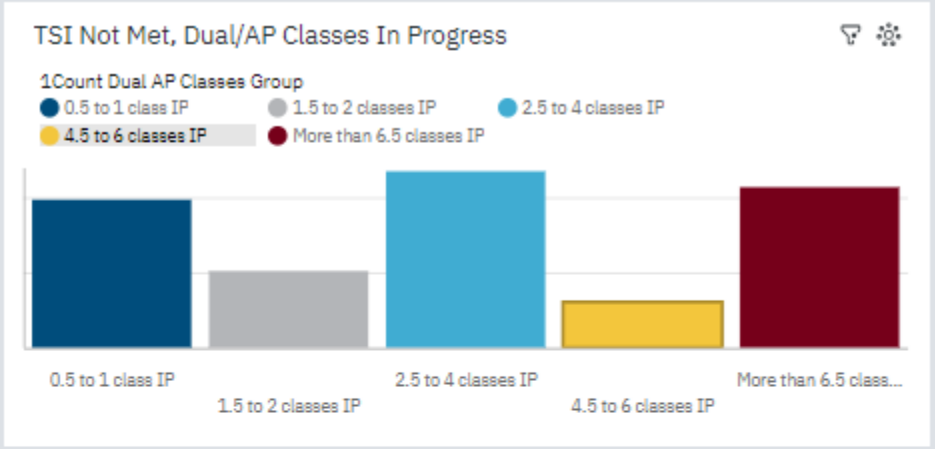
- Ex 2: What AP Courses are students taking who are NOT CCMR Met and the AP exam is their only metric in Progress?

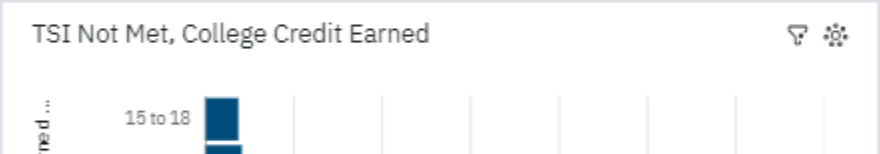


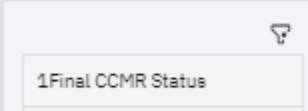
The Power of Progress

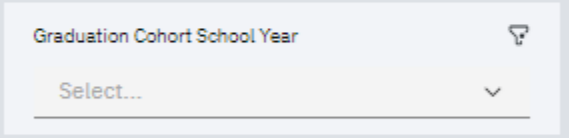
- Ex 3: What advanced classes are students who are not TSI met taking?





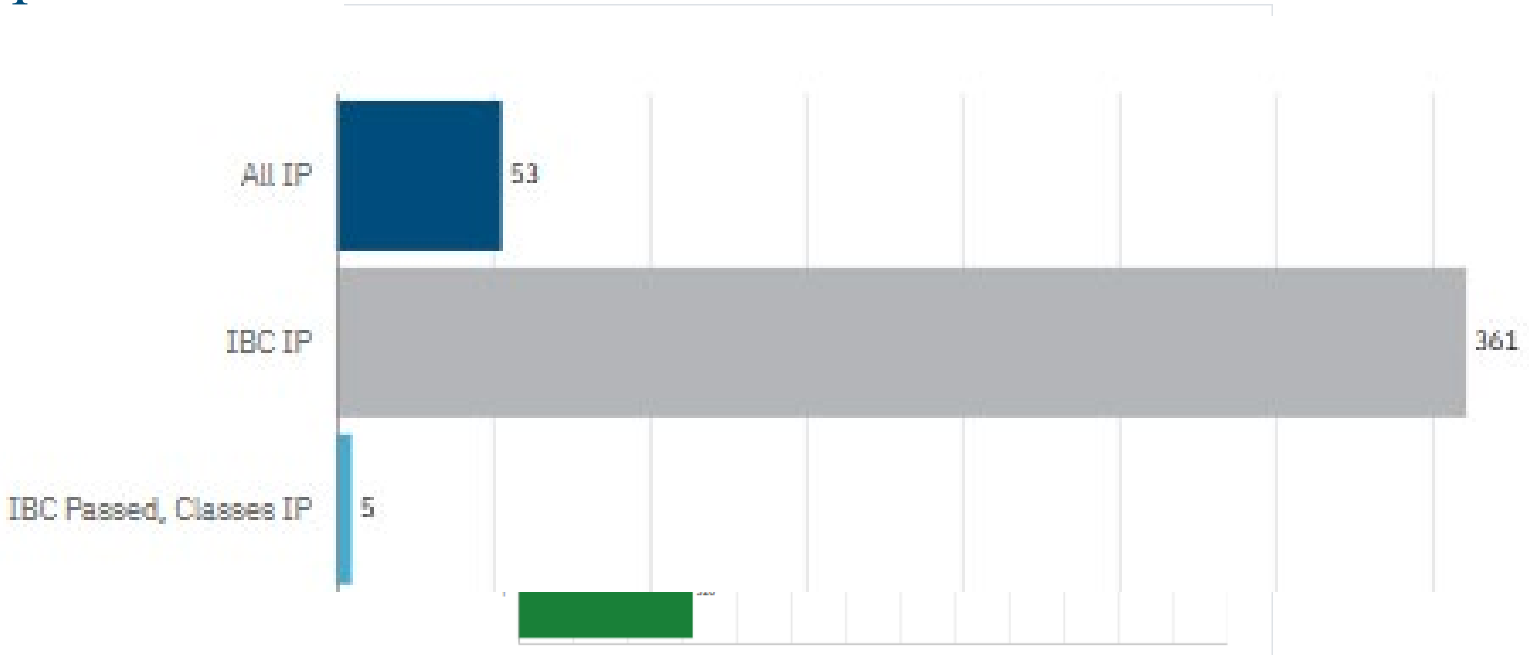






The Power of Progress

- Ex 4: How many seniors with CTE in progress have only one path to CCMR?



The Power of Progress

- Ex 5: I need a list of students who are at-risk of not graduating because they have not passed EOC exams.

Ethnicity Short Des	en	Counselor	SAT ELA Sc	A2 Reading	Write Pla	SIA2 ELA	CT Math S	AT Math Sc	IA2 Math S	2 Math Dia	of IP Path	Final CCMR Sta
Hispanic/Latino	12	Counselor Name	450					510			2	IP
Two or More Races	12	Counselor Name	450					540			6.5	IP
Asian	12	Counselor Name	460					490	959		7.5	IP
AA/Black	12	Counselor Name	200					200			0	Plan Needed
AA/Black	12	Counselor Name	420					400			0	Plan Needed
AA/Black	12	Counselor Name	390					370			0	Plan Needed
Hispanic/Latino	12	Counselor Name	450	935	4	4		560	944	5	3	IP
Hispanic/Latino	12	Counselor Name	510	937	6	4		460			2.5	IP
Hispanic/Latino	12	Counselor Name	310	910		2		340			1	IP
AI/AN	12	Counselor Name	390	911	3	3		380			0	Plan Needed
Hispanic/Latino	12	Counselor Name	280	910		2		350	910	2	0	Plan Needed
Hispanic/Latino	12	Counselor Name	540	948	5			520			4.5	IP
AI/AN	12	Counselor Name									0	Plan Needed

What DecisionEd has done for IISD in going from Information to Insights

Before DecisionEd

- Creating monster spreadsheets by downloading multiple datasets and joining with XLOOKUPs
- Relying on tiresome pivot tables and conditional formatting
- Time-consuming and inefficient process
- Static dashboards

INFORMATION

Transformation with DecsionEd

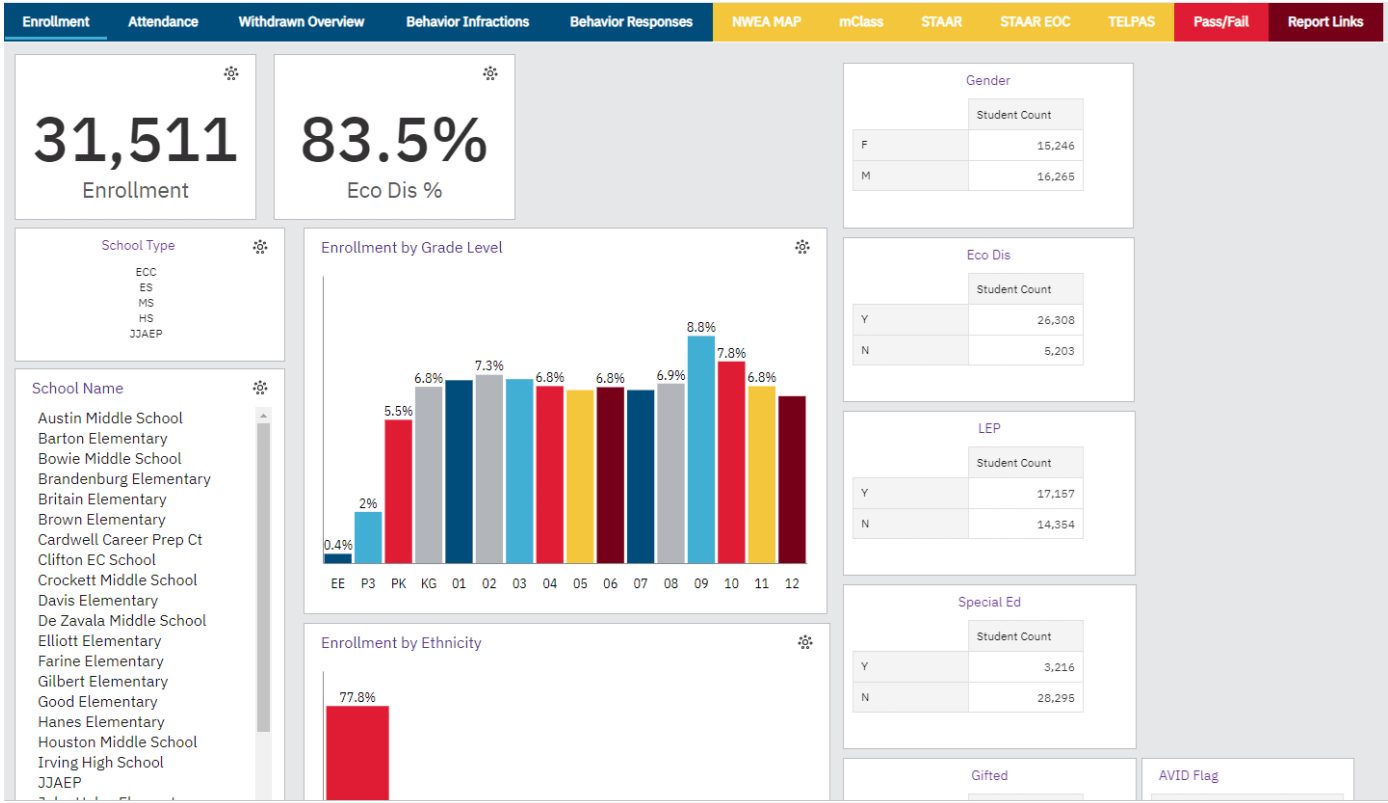
- Seamlessly connecting multiple datasets with a join from a central data location
- Leveraging robust data analysis tools and techniques
- More time spent analyzing data over gathering it
- Moving from static data to live and dynamic insights

INSIGHTS

Benefits of a centralized data warehouse:

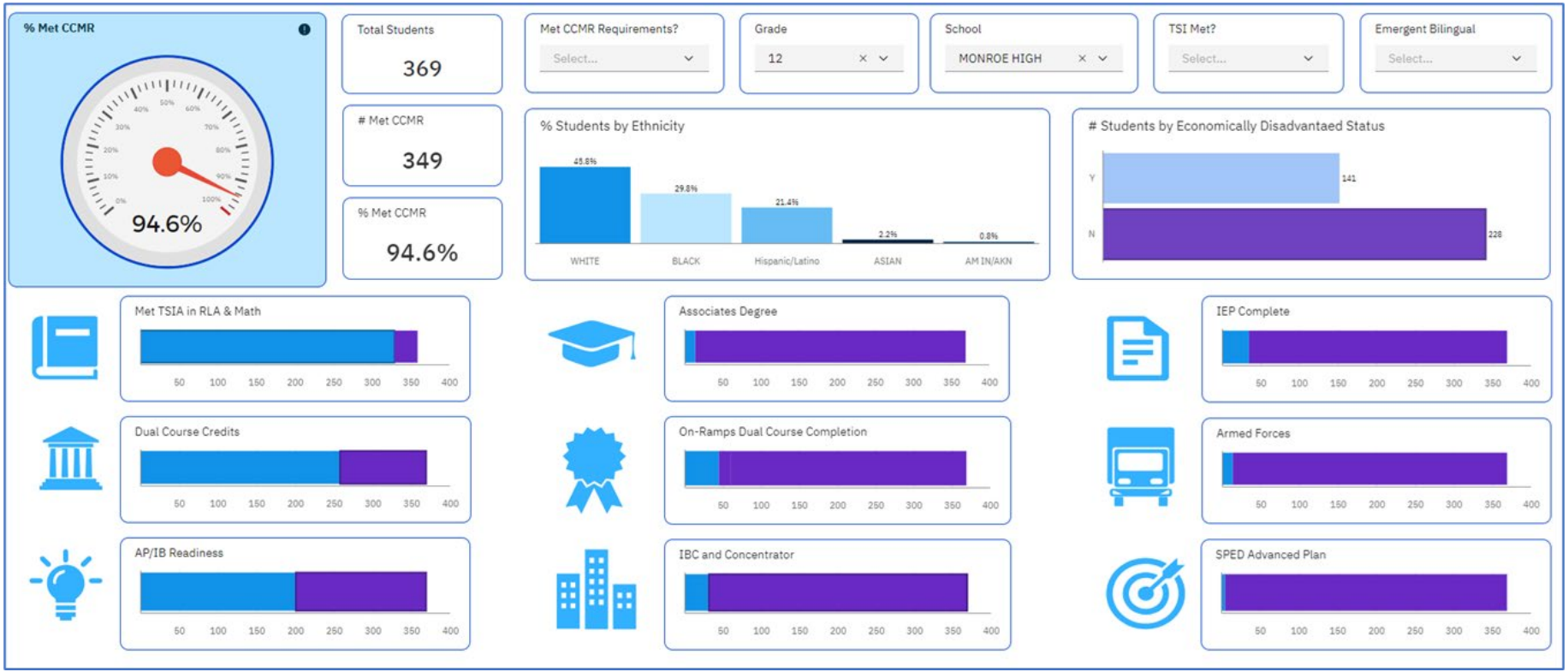
- More time for creating insights and visualizations to monitor key factors
- Increased productivity and building capacity around common metrics

DecisionEd as the one-stop-shop for all data needs!



Data Warehouse – All Data in One Place

Track Your *Current* CCMR Status 9th-12th Grade



Capture Specific Student CCMR Status

District - CCMR Student List

							CCM Readiness	TSIA ELA Readiness				TSIA Math Readiness				CCM Readiness Indi		
Student ID	Student Name	Gender	Ethnicity	Econ Dis Flag	LEP Flag	Special Ed Flag	Flag	TSIA ELA	ACT English	SAT EBRW	Met Readiness	TSIA Math	ACT Math	SAT Math	Met Readiness	ELA & MATH Readiness	AP/IB	Dual Credit Courses
8726680588	ABNER, ERIKA	F	WHITE	N	N	N	Y		Y	N	Y		Y	N	Y	Y	Y	Y
8648980388	ADAMICK, ANDRES	M	Hispanic/Latino	Y	N	N	Y	Y			Y	Y			Y	Y		
8518480088	ADENIYI IPADEOLA, ALEJANDRO	M	Hispanic/Latino	Y	Y	N	Y		Y		Y		Y		Y	Y	Y	Y
8658180788	ADISA, CRYSTAL	F	Hispanic/Latino	Y	N	N	Y	Y	N		Y	Y	N		Y	Y		
8538780188	ALCARAZ, ASHLEY	F	WHITE	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8448680588	ALCARAZ, KAYLYNNE	F	BLACK	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8788686688	ALCARAZ, TYLER	M	WHITE	N	N	N	Y		Y		Y		Y		Y	Y		Y
8458380888	ALJAAFREH, CASSIDY	F	WHITE	Y	N	N	Y		Y		Y		Y		Y	Y		Y
8748980088	ALJAAFREH, DALTON	M	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8548980588	AMOO, CAITLIN	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8258680188	AMOO, JANESHIA	F	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8738780688	AMOO, MARKEISHA	F	BLACK	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8688286188	ANDERSON-WISE, BILLY	M	WHITE	N	N	N	Y	Y	N		Y	Y	N		Y	Y		
8248280588	ANGELO, EMMITT	M	WHITE	Y	N	N	Y		Y		Y		Y		Y	Y	Y	
8258880688	ANGELO, GARRIC	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8718580788	ANGELO, JARVIS	M	BLACK	Y	N	N	Y		Y	Y	Y		Y	Y	Y	Y	Y	Y
8388486688	ANGELO, KAITLIN	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8728880288	ANGELO, KE'ANDRA	F	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8918280488	ANGELO, LAWREN	F	BLACK	N	N	N	Y		Y		Y		Y		Y	Y	Y	
8358980788	ANGELO, MARTRICIA	F	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8428480188	ANGELO, PHOENIX	M	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8548080088	ANGELO, TERRY	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8848880488	ANGELO, TERRY	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y		Y
8758280188	ANZALDUA, RHEA	M	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8458980288	APARICIO, BIANCA	F	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8238380688	ARP, MARK	M	BLACK	Y	N	N	Y	N			N	Y			Y	N		
8628680588	ASCENCIO, ALEX	M	WHITE	N	N	N	N											
8488966888	ASHE, AVERY	F	WHITE	N	N	N	Y			Y	Y			Y	Y	Y		
8448780888	ATKINS, CAYLA	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8758880388	AUGUSTE, KANEISHA	F	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8158880688	AVILA VILLARREAL, COREY	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8228180888	BACON, KASON	M	WHITE	N	N	N	Y	Y			Y	N			N	N		
8428280888	BACON, MADISON	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8518680688	BADGER, KESMONN	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8688686288	BALLARD, AMBER	F	WHITE	Y	N	N	Y	N	N		N		Y		Y	N		
8488386488	BARRENTINE, SINDY	F	Hispanic/Latino	Y	Y	N	Y		Y		Y		Y		Y	Y	Y	Y
8528080388	BARRENTEZ, OSCAR	M	Hispanic/Latino	Y	N	N	Y	Y	N		Y	Y	N		Y	Y		
8748980488	BATY, JAMES	M	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8748380488	BAUMGARTNER, WALLACE	M	BLACK	Y	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8218980288	BEASSIE, BRITANEY	F	Hispanic/Latino	Y	Y	N	Y		Y		Y		Y		Y	Y	Y	
8818780288	BEATY, ROBERTO	M	Hispanic/Latino	Y	N	N	Y		Y		Y		Y		Y	Y		Y
8758780888	BECKHAM, KAITLYN	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	Y
8248280188	BELMONT, SARA	F	WHITE	N	N	N	Y		Y		Y		Y		Y	Y	Y	

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Questions?

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