List of Work and Participation by Morgan L. DeBusk-Lane (Data Warehouse Specialist)

Major projects
- Operationalized metrics across *Imagine Tomorrow* objectives to include HR, Financial Services, attendance, and on-time promotion.
- Established an SOL predictive model that identifies teachers who do well comparative to other teaches in their building.
- Worked with the Department of Special Education to identify teachers across the division who do well with special education students.
- Developed, built, and brought into production a 'Student Accreditation Dashboard' that fully captures students' current testing situations for those currently enrolled in an SOL-tested course throughout the division using Tableau.
- Trained and guided counselor coordinators, counselors, and testing coordinators on accreditation requirements and the use of the Tableau Student Accreditation Dashboard.

Other projects
- Worked to examine MAP scores summer slide (spring -> fall decrease in scores) over multiple years to identify causal and influential components (e.g. summer programs, cultural programs, etc.).
- Assessed the relationship between MAP fluency scores and DRA.
- Examined the PSAT's relationship to other given metrics (e.g. SOL, grades, attendance, and on-time graduation).
- Worked with the Department of Special Education to identify teachers across the division who do well with special education students.
- Established a research prerogative within the current and future SEL initiatives and their outside vendor.
- Examined absenteeism from the past 4 years to establish known metrics of early prediction.
- Related prior-year MAP scores and MAP predictions to SOL outcomes for literacy interventions and groupings throughout the division.
- Worked to better optimize HR and Financial data workflows by gaining knowledge of their existing structure and flow.
- Conducted a semantic text analysis of Teachers' Smart Goals to better understand what goals teachers have throughout the division for the Office of Professional Development.
- Provided needed data analytics to the VTSS team to examine absenteeism relationship with discipline, ethnicity, gender, and special education students.
- Worked to establish the Office of Research and Developments' brand by instigating the development of division-wide communication (translating macro-data to information/knowledge).
- Provided research briefs for both the utility and trends on the impact of class rank and valedictorian/salutatorian and how beneficial homework is.