

## Comparative Analysis

	Insight	SIMD	BGE Toolkit	NIF Report	SEEMiS	Suggested Product
Definition	Professional Benchmarking Tool for analysing attainment data in the senior phase, accessible by secondary schools, establishments and local authorities.	SIMD is a tool for identifying the places in Scotland where people are experiencing disadvantage across different aspects of their lives. It has been used to help organisations invest in those areas that need it most.	BGE Benchmarking Tool is a Scottish Government toolkit which enables headteachers and local authority officers to consider school data in relation to national comparator schools. It works based on the impact of pupil characteristics including SIMD, Gender, FSM, Ethnicity, EAL, Gaelic Medium, Denomination and Urban/Rural.	NIF Interactive Evidence Report is developed by SG Education Analytical Services on the platform called Tableau Public. It is a free platform for publicly sharing and exploring data visualisations online.	SEEMiS is the only Education Management Information System (MIS) provider in Scotland. It is owned and used by all 32 Local Authorities in Scotland. SEEMiS processes data for all 32 local authority and some independent/GASS student data is processed and managed by SEEMiS.	The new proposed platform is a One stop shop for the stakeholders by ensuring a custom fit to their individual needs and aspiration. It also brings standardization in data for various parameters. The new platform will also empower stakeholders to explore data and visualizations which will liberate them to share their learnings and insights with larger communities.
	Director of Education Heads of Services Quality Improvement Officers Deputy Head Teachers Principle Teachers Head of Faculty Head Teachers	Attainment Advisors Quality Improvement Advisors Education Officers NIF Advisors	Attainment Advisors Quality Improvement Advisors Head Teachers Research Assistants Education Officers	Attainment Advisors Quality Improvement Advisors Head Teachers Education Officers Research Assistants NIF Officers	Attainment Advisors Research Assistants Quality Improvement Advisors Education Officers Local Authority Advisors Head Teachers	Attainment Advisors Quality Improvement Advisors Education Officers Head Teachers Research Assistants
	Senior Phase Data Literacy & Numeracy Attainment in The Context of Deprivation Leaver Initial Destinations Attainment for All	Income Access to Services Employment Housing Health Education Crime	School Summary Actual Score v. Comparator Score Pupil Data to Improve CFE level Similar School Data School Comparison Data National Comparison Data Area Comparison Data	Numeracy & Literacy Most & Least Disadvantaged Children Health & Well Being Data Positive School Leavers Child Progress Data Education Quality Hedteachers Information Hedteachers - Leadership Parent Pre-inspection Parental Involvement & Engagement	Pupil & Staff Record Management Nursery Application Management Attendance Pastoral Notes Interfacing External Agencies E.g. ScotXed and SQA	Map View of Regions Local Authority Dashboard School Dashboard Data Explorer and Comparator Pupil Vulnerability Index Data Stories Portal Community Engagement Portal
	Dashboard for National measures (Filterable to multiple local authorities and individual school)  Option of viewing whole school summary as per school selection  	Map view of all regions in scotland showcasing region rank with several facilities along with facts like population/ working age/income deprived/employ deprived 	Provides school summary with stages / years (filterable to change the schools/ years/stages)  	Multiple Dashboard available with various data across schools, childre, vulnerability, Covid 19 report, School dashboards - primary /secondary, Parent zone archive information.  Multiple data set to explore 		Muti-layered information about different factors affecting a child. Customised dashboard for each stakeholder based on the role and responsibilities.
	Parameters can be filtered with various options of other data sets ( Literacy & Numeracy with additional support needs) 	Area finder options  Deprivation ranks can be identified by zooming in the map with color categorization 	Provides breakdown information of the comparator with actionable numbers 	Data filterable according respective measures of the key parameter  Dashboards showcases data related aggregate of Local authorities 		Enable users to go beyond the basic data and visualisations available. Explore and showcase specific analyses, reports, stories, etc. for various use cases Methodology and data made accessible for further research.
			System providing analysis with strong match and unreasonable match 			Ability to understand the hidden factors affecting the attainment of a child. Moving beyond using pupil performance data to identify the root cause of problems.
	Individual parameter comparison available in tabular format below bar graphs (Northen alliance to National establishment)  Benchmarking - National benchmarking measures and local benchmarking measure  Compare Trends in terms of attainment vs deprivation (regional vs national measure) showcasing tariff score as population  Virtual Compator which compares pupils with same characteristics, social economic backgrounds and demographics 		Virtual compator with relevant background information for comparison (Actual score vs Comparator score)  Provides school summary with satges / years (filterable to change the schools/ years/stages) 			Comparison of systems from national to regional establishments across selected criterias. Benchmarking for users to identify the performance of systems they are associated.
	Can filter previous years information 	Deprivation data available with archival data 	Can filter data from previous year  Availability of school comparator to Area and national comparison 			We will present dashboard and visualization which can be filtered and viewed with archival data Filter option can be accessed with comparator and data explorer as well
	Data can be downloaded 			Facilities to download & share 		Stakeholders have the liberty to download visualization /dashboards / data stories that they create on the platform in whichever format they require
			Provision to School Summary 		Has a student view which is filterable for each school  Individual operation view of classrooms  Customised dashboard for individual teacher determining schedule/events/ Notification  Report folder access realted to various updates and operations at school  Data related to school and individual children along with pastoral notes 	At the moment granular level data can be accessed on School Dashboards related to individual child view with factors dependent
Community Engagement						With the liberty of Data exploration stakeholders can also share their visualizations/ learnings/insights/data stories that they generate with a larger community with similar interest through the platform itself
Publishing Data Stories						Data exploration provides the facility where user can create their own data stories by adding visualizations and publish it
Access To Local & Regional Context						