MIS-311 - Introduction to Business Analytics

Part 1: Data Analysis and Insight

I will use Excel to perform **Exploratory Data Analysis (EDA)** on the dataset **Student Performance**

1. Data Overview

The **Student Performance** dataset provides information on students' demographic backgrounds and their academic achievements by three subjects: math, reading, and writing. It contains 202 rows and 8 columns, each row represents for an individual student.

gender	race_ethnicity	parental_level_of_education	math_score	reading_score	writing_score	total_score	average_s
0	group B	bachelor's degree	72	72	74	218	72.67
0	group C	some college	69	90	88	247	82.33
0	group B	master's degree	90	95	93	278	92.67
1	group A	associate's degree	47	57	44	148	49.33
1	group C	some college	76	78	75	229	76.33
0	group B	associate's degree	71	83	78	232	77.33
0	group B	some college	88	95	92	275	91.67
1	group B	some college	40	43	39	122	40.67
1	group D	high school	64	64	67	195	65.00
0	group B	high school	38	60	50	148	49.33
1	group C	associate's degree	58	54	52	164	54.67
1	group D	associate's degree	40	52	43	135	45.00
1	group C	associate's degree	58	54	52	164	54.67
0	group B	high school	65	81	73	219	73.00
1	group A	some college	78	72	70	220	73.33
0	group A	master's degree	50	53	58	161	53.67
0	group C	some high school	69	75	78	222	74.00
1	group C	high school	88	89	86	263	87.67
0	group B	some high school	18	32	28	78	26.00
1	group C	master's degree	46	42	46	134	