

Grade 12

Distance Learning Module 8: Week of: May 26<sup>th</sup> – May 29<sup>th</sup>

**Statistics Level 3**      *Modified from [Unit A: Introduction to Single Variable Statistics](#)*

**Targeted Goals from Stage 1: Desired Results**

Analyzing: Students will be able to examine information/data/evidence to make inferences and identify possible underlying assumptions, patterns, and relationships.

**Content Knowledge:** scatterplots, correlations, bivariate relationships

**Vocabulary:** scatterplots, OLS regression, interpolation, extrapolation

**Skills:** describing strength, direction, and form, using spreadsheet software, using Desmos

**Expectation:** Students will be able to explain relationships between two variables

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<b>Monday:</b>	<b>Memorial Day</b>	<b>No School</b>
Tuesday: OLS Regression	notes ch 4 slide s22-33, Bivariate PBA	PBA Stage3
Wednesday: estimating r	notes ch 4 slide s22-33, Bivariate PBA	PBA stage3
Thursday: estimating lines of best fit	notes ch 4 slide s22-33, Bivariate PBA	PBA stage 3
Friday: describing slope of line of best fit	notes ch 4 slide s22-33, Bivariate PBA	submit PBA stage 3

**Week criteria for success** (attach student checklists or rubrics): watch assigned videos, complete assigned practice problems with success

**Supportive resources and tutorials for the week** (plans for re-teaching): live sessions, notes ch 4