ANALYSIS EXAMPLE - PROGRAM DATA AND ACHIEVEMENT DATA

STUDENT	GENDER	GROUP	# HOURS	INTENSITY	SCORE
1	M	A	180		P
2	F	A	90		P
3	F	A	122		P
4	M	A	94		NP
5	F	A	166		P
6	M	A	116		P
7	F	A	112		P
8	M	A	160		P
9	F	A	52		NP
10	M	A	180		P
11	M	B	72		P
12	M	B	112		NP
13	F	B	90		NP
14	F	B	90		NP
15	F	B	46		NP
16	F	B	54		NP
17	M	B	144		P
18	F	B	62		NP
19	M	B	152		NP
20	M	B	180		P

*TARGET: At least half of trainees will attend at least 100 hours of programming (high intensity)

TOTALS	1272		1002	2274

CHART 1	Group A	Group B	ALL
Avg. Hours			
# High Intensity			
% High Intensity			
# Proficient			
% Proficient			

CHART 2	Low Intensity	High Intensity
	n=	n=
# Proficient		
% Proficient		

1. Did we meet target of intensity?

2. Were there group differences?

3. What can we do about it?

4. Is intensity associated with proficiency?

5. What can we do about that?

1. ID which trainees are high and low intensity. Fill in the chart.

2 Calculate the average for each group and ALL (use the total hours in RED for the denominator)

3. Count the number and determine the %high intensity; fill this number into the "n's" onChart 2.

4. Count the number and determine the % proficient.

5. Conduct the cross-tabulation to determine whether there is an association between intensity and proficiency. THEN ANSWER THE QUESTIONS ABOVE.