

1. **Identify the main topic or question.** The main topic is the relationship between the number of hours worked and the number of hours of sleep. The question is whether there is a significant correlation between these two variables.

2. **Identify the variables.** The independent variable is "Hours Worked" and the dependent variable is "Hours of Sleep".

3. **Identify the data points.** The data points are as follows:

Hours Worked	Hours of Sleep
40	6
45	7
50	8
55	9
60	10
65	11
70	12
75	13
80	14
85	15
90	16
95	17
100	18
105	19
110	20
115	21
120	22
125	23
130	24
135	25
140	26
145	27
150	28
155	29
160	30
165	31
170	32
175	33
180	34
185	35
190	36
195	37
200	38
205	39
210	40
215	41
220	42
225	43
230	44
235	45
240	46
245	47
250	48
255	49
260	50
265	51
270	52
275	53
280	54
285	55
290	56
295	57
300	58
305	59
310	60
315	61
320	62
325	63
330	64
335	65
340	66
345	67
350	68
355	69
360	70
365	71
370	72
375	73
380	74
385	75
390	76
395	77
400	78
405	79
410	80
415	81
420	82
425	83
430	84
435	85
440	86
445	87
450	88
455	89
460	90
465	91
470	92
475	93
480	94
485	95
490	96
495	97
500	98
505	99
510	100
515	101
520	102
525	103
530	104
535	105
540	106
545	107
550	108
555	109
560	110
565	111
570	112
575	113
580	114
585	115
590	116
595	117
600	118
605	119
610	120
615	121
620	122
625	123
630	124
635	125
640	126
645	127
650	128
655	129
660	130
665	131
670	132
675	133
680	134
685	135
690	136
695	137
700	138
705	139
710	140
715	141
720	142
725	143
730	144
735	145
740	146
745	147
750	148
755	149
760	150
765	151
770	152
775	153
780	154
785	155
790	156
795	157
800	158
805	159
810	160
815	161
820	162
825	163
830	164
835	165
840	166
845	167
850	168
855	169
860	170
865	171
870	172
875	173
880	174
885	175
890	176
895	177
900	178
905	179
910	180
915	181
920	182
925	183
930	184
935	185
940	186
945	187
950	188
955	189
960	190
965	191
970	192
975	193
980	194
985	195
990	196
995	197

1. **Identify the main topic or question.** The main topic is the relationship between the number of hours worked and the number of hours of sleep. The question is whether there is a significant correlation between these two variables.

The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved. Once the problem is identified, the next step is to develop a plan of action. This plan should outline the goals of the project, the tasks that need to be completed, and the resources that will be required. After the plan is developed, the next step is to implement the plan. This involves putting the plan into action and monitoring progress. Finally, the last step is to evaluate the results of the project. This involves assessing the outcomes of the project and determining whether the goals were achieved.

The following table shows the results of the regression analysis for the dependent variable "Number of children in the household" (N = 1,000). The independent variables are "Age of the head of household" and "Gender of the head of household". The dependent variable is measured on a scale from 0 to 10.

1. **Identify the main topic or question.** The main topic is the relationship between the number of hours a person works and their income. The question is whether there is a positive correlation between the two.

