|  |  |  |  |
| --- | --- | --- | --- |
| **Diabetes Technical Report** | Points Possible | Points Received | Comments |
| **INTRODUCTION** |  |  |  |
| Discuss diabetes (Labs 1-5) |  |  |  |
| Symptoms, complications and treatments (Lab 1) | 2 |  |  |
| Focus on Type 2 diabetes and importance of diet (Lab 2) | 2 |  |  |
| Discuss hyper and hypoglycemia and the insulin biochemical pathway. | 2 |  |  |
| Connect it to the symptoms and complications of diabetes. (Lab 3) | 2 |  |  |
| Introduce the diabetes epidemic in the U.S. | 2 |  |  |
| Include statistics on prevalence. (Lab 1) | 2 |  |  |
| **OUR STUDY (separate sub-heading)** | 1 |  |  |
| Research questions | 3 |  |  |
| Hypotheses (and the null) | 4 |  |  |
| Rationale | 3 |  |  |
| Use of existing state data on diabetes | 3 |  |  |
| **METHODS** |  |  |  |
| More info on diabetes data set. | 2 |  |  |
| Statistics used | 4 |  |  |
| Graph used | 4 |  |  |
| **FINDINGS:** Brief summary of results |  |  |  |
| Results of hypothesis testing | 6 |  |  |
| Summary data table | 4 |  |  |
| Statistical results | 5 |  |  |
| Graph | 5 |  |  |
| **DISCUSSION:** Briefly summarize conclusions | 3 |  |  |
| What do your results mean? | 4 |  |  |
| Other considerations? | 4 |  |  |
| CONCLUSIONS (separate sub-heading) | 1 |  |  |
| What did we learn? | 3 |  |  |
| How could this new information affect the epidemic? | 3 |  |  |
| How can it be made useful? | 3 |  |  |
| What can’t we say? What else do need to know? | 3 |  |  |
| Sub-Total | 80 |  |  |
| **Overall Formatting Decisions** | 10 |  |  |
| **Overall Writing/Readability/Typos, etc.** | 10 |  |  |
| **TOTAL** | 100 |  |  |