**✅ Writing Tips and Expectations from the Supervisor**

**📌 1. Structure**

Your report should include:

* An **Introduction** (motivating the work from data or methods or both)
* A **Main Section** (explaining methodology, code decisions, and analysis)
* A **Conclusion**
* All required **plots**, **code**, and **interval width comparisons**

These are **explicit deliverables** and are non-negotiable.

**📌 2. Manual Implementation Encouraged**

* You are **encouraged to manually implement** the analytical and bootstrap confidence intervals.
* If you do use any R package functions to automate interval estimation:
  + You **must explain exactly what those functions do**
  + You may even need to **cite literature** if they rely on deeper methods

**📌 3. Use Lecture Notes**

* You are **allowed and encouraged** to refer to the lecture notes.
* **You do not need to cite external literature**
* **You should justify all steps and estimations clearly** (e.g. bias correction, variance estimation, choice of kernel)

**📌 4. Code and Presentation Quality Matter**

There are 50 marks split like this:

* Structure, intro/conclusion – 10
* Presentation (figures/tables/equations) – 10
* Methodology – 10
* Implementation correctness – 10
* Writing quality – 5
* Creativity/originality – 5

**So a polished explanation and clean visuals matter as much as the code.**

**📌 5. Use Only Suitable Data**

* You must use a dataset **not used elsewhere in the module**
* The **onions dataset is allowed** if it was only used in your mock project and not covered in formal lectures

**📌 6. PDF Output Only**

* You must submit a **knitted PDF from RMarkdown**
* **Do not submit your .Rmd or any auxiliary files**
* If you include an Appendix, **it will not be marked** — only the first 10 pages are considered

Would you like me to help structure your methodology section next, following this format and keeping the supervisor’s guidance fully in mind?

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