**Project Update 1**

*Note: Use this template to organize team project updates. Replace italicized text with your information. Add other sections if needed but do not remove any sections.*

*You must provide a ZIP file containing all project files with this report. The ZIP file must include everything: code, docs, resources, links to Google docs, GitHub, etc.; everything needed to evaluate your progress.*

**1. Project title - Updated**

Examining the gender pay gap by state and year

(We’ve changed slightly from looking at gender pay gap for doctors to looking at the gender pay gap overall as we were finding it very difficult to find the data we needed. This change should allow us to actually find relevant data that shouldl be more up to date.)

**2. Team members and roles**

*Name, role(s), email*

· **Project manager – Edelawit** ([edelawitsebesibe104@gmail.com](mailto:edelawitsebesibe104@gmail.com))

· **Analyst – Ashley** ([Ashley.Wu.2011@gmail.com](mailto:Ashley.Wu.2011@gmail.com))

· **Tester – Saul (**[Saul.Sallah.28@gmail.com](mailto:Saul.Sallah.28@gmail.com))

· **Researcher – Afnan** ([a.abdella98@gmail.com](mailto:a.abdella98@gmail.com))

· **Tester/Analyst – Andrew** ([UKaj2112@gmail.com](mailto:UKaj2112@gmail.com))

**3. Accomplishments since the last report**

*What the team has done since the last report; include a bullet list of individual contributions. Note any tasks that were not completed and why.*

* Done writing the pseudocode
* Researched exactly how to handle databases in Python
* Learned about SQL and how to use SQL commands to fetch data from databases
* Gathered data from different sources
* Went through different solution routes for the code

**4. Roadblocks, problems, challenges, risks, questions**

*Bullet list of any concerns at this point – current of upcoming*

* Time constraints (work, exams, illness, etc)
* Gathering the data
* Making sure the data is accurate
* Coming up with an efficient code/pseudocode
* Researching how to handle databases in Python
* Equally dividing the work

**5. Plan for the next sprint (i.e., until the next deliverable)**

*The team plan for the next sprint; include a bullet list of individual tasks with tentative deadlines and assigned roles.*

* Meet with professor/TA to see if there are any issues with our pseudocode
* Begin testing out real code - 4/15
* Learn how to include exception handling in our code, so that it runs smoothly no matter what the input is
* Look into whether or not web scraping will help us gather our data more efficiently and accurately
* Edit working code to be updated to use a live database as our pseudocode outlines
* Start using Github to do version control - 4/15
* Update our data to be more accurate - current data is from 2013. For now, we are using it as a placeholder while we work on our code until we find something better.