

| Risk ID | Description of Risk | Probability (0 - 1) | Impact (low, med, high) | Exposure | Prevention Strategy | Migitation Plan | Status |
|---------|---------------------------------------------------------------------------------------------|------------------------|----------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1 | API Documentation for any of the features is sparse. | 0.6 | 6 | 3.6 | For any non-required open-source plugin, extension, etc. we use - do extensive research into the documentation and current status (how it's maintained, etc.) before agreeing to use it. | Allocate 'research' time into our development planning. Plan on reading a lot of documentation on existing open source software. | |
| 2 | Current implementation (and therefore current code) is complex and difficult to understand. | 0.5 | 8 | 4 | Achieve a better understanding of the project ASAP. Fork the repo and start looking into their code immediately. | Conduct a code review of their code as a group to obtain mutual understanding of existing codebase. Discuss any issues or confusion with the project sponsor. | |
| 3 | Progress with becomming familiar with Apache Arrow format takes longer than expected. | 0.3 | 5 | 1.5 | Begin research into Apache Arrow format immediately. Ask for help if not understood. | Allocate time into learning, tutorials, etc. | |
| 4 | | | | 0 | | | |
| 5 | | | | 0 | | | |