1. Index on flights sorted by departure date. We’ll probably want to sort by date. Additionally, when the database is old, selecting dates in the future will become highly selective.
2. Index on load request sorted by date submitted. It’s important to grab the oldest relevant ones first to prioritize them.
3. Index on airline by alliance. There aren’t a lot of alliances, but I think it’s important to quickly group airlines together. This will allow “operated by” flights. Basically, airlines in alliances will often list flights operated by other airlines as their own and this will allow us to efficiently find those.
4. Flight by available seats. There’s already an index on flights by destination, so we need to be able to sort by what flight has the most seats available.
5. Similarly, there should also be an index on Flight by last load update. It’s important to know how recent the data is.

All other important indices are already created. This includes indices such as Employee to Dependent, Airline to Flight, Flight to Destination, etc.