**NFLData Notes**

**Azure Database for Postgres**

* General Information
  + Server name: [nfldatapg.postgres.database.azure.com](http://nfldatapg.postgres.database.azure.com/)
  + Database name: postgres (Default)
  + Username: user
  + Password: secret123!
  + Entity-Relationship-Diagram (ERD): <https://lucid.app/lucidchart/e9acfd3f-8f78-4a69-8496-eed292e94e6e/edit?invitationId=inv_109497e2-e24b-4389-9108-e460933b61d8>
  + Network Rules:
    - Current network settings allow access from any server and IP address
    - To edit these settings, go to Networking tab under Settings and edit firewall rules
* Migrating entire local Postgres database to Azure Database for Postgres: <https://docs.microsoft.com/en-us/azure/postgresql/howto-migrate-using-dump-and-restore>
* Helpful IDE for interacting with Azure Database for Postgres
  + <https://docs.microsoft.com/en-us/sql/azure-data-studio/download-azure-data-studio?view=sql-server-ver15>
  + Must install PostgreSQL extension to work with Azure Database for Postgres: <https://docs.microsoft.com/en-us/sql/azure-data-studio/quickstart-postgres?view=sql-server-ver15>

**Deepnote**

* General Information
  + Link: <https://deepnote.com>
  + Deepnote is a data science notebook hosted in the cloud
  + Python scripts can be run with the output displayed
* Calculating estimated cash and salary cap losses by games missed due to injury: <https://deepnote.com/project/NFLData-QzND-rWHRJObuYLF6icfoA/%2FCostsPerGameMissed.ipynb>

**Power BI Notebook**

* General Information
  + Tool for creating reports from data sources