

# Iteration #03: NBA Injury Prevention

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## Assigned Work for Iteration #03:

- **Jay Shah: Data Engineer/Database Designer:**

- Keep tuning the relational database schema in PostgreSQL.
- Create ETL scripts to load fresh injury and performance data. Document the process for future use as well.
- Connect Databricks with Azure PostgreSQL to get data automatically.

- **Tea Adams: Data Analyst/Predictive Modeling:**

- Begin feature engineering from the cleaned datasets.
- Train basic predictive models (e.g., logistic regression).
- Keep track of the model's performance and log the data to MLflow.

- **Shriniketh Mukundan: Visualizations/Reporting Data:**

- Create some beginning mock-ups of potential Tableau dashboards that would show injury trends and our model's results.
- Work with Tea to show model outcomes on the dashboard visualizations.
- Continuously make summary slides to show progress for end of year presentation.

## Next Steps:

- Have team meetings every week and check on progress of work assigned.
- Sync pipeline with local and cloud environments once established.