

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.