

1056-H5-512

**Jacqueline Brannon Giles\*** (jbgiles@yahoo.com), 13103 Balarama Drive, Houston, TX 77099.

*Exploring NFL Data to Determine "Who is the Greatest of Them All?"*. Preliminary report.

Exploring the various ways of analyzing, describing and forecasting outcomes in sports should be used in the 21st century.

A project has been designed to inspire deeper discussions in sports and academic communities. The project is at the introductory level, and effective decision-making and intellectual development are expected in the participants.

The purpose of this presentation and the related handout is to foster discussion and a forum on how we might explore studies of the Oakland Raiders' performance, in the past, present and future.

Linear regression and/or least squares can be used. Small groups in the classroom setting can also do research and apply floating trend analysis or mathematical modeling in the project, if applicable.

The project can have two phases:

1. Only using charts, and graphs, etc. (Fundamental)
2. If the analysis includes regression or trend analysis, then the total points will be greater. (Advanced)

Two projects will be selected for publication on the Bleacher Report. Bleacher Report has designed a Sports and STEM team page where articles can be uploaded and shared in the public domain. (Received September 11, 2009)