

## Baseball Analysis

Title	Baseball Team Analysis
Industry	Media and Information Services
Function	
Background	<p>Baseball is a <a href="#">bat-and-ball game</a> played between two teams of nine players each who take turns batting and fielding.</p> <p>The offense attempts to score <a href="#">runs</a> by hitting a <a href="#">ball</a> thrown by the <a href="#">pitcher</a> with a <a href="#">bat</a> and moving counter-clockwise around a series of four <a href="#">bases</a>: first, second, third, and home plate. A run is scored when a player advances and returns to home plate.</p> <p>This dashboard help to increase the performance of baseball team.</p>
Data Source	8_Baseball.mdb. xlsx (2007)
Technology	Tableau 8.2 ( 32 bit edition)
Story/ Analysis	<p>It can help a baseball team manager to increase the performance of his team , by explaining all these things</p> <ul style="list-style-type: none"> <li>Problems in the Players</li> <li>Their replacements</li> <li>Their combinations</li> <li>What Strategy?</li> <li>Which players are performed very bad against a particular team</li> </ul> <ul style="list-style-type: none"> <li>Select a team, his current year, then scatter plot shows the all team's player with their slugging %, ERA and Fielding %.(Please Uncheck 1 player from the team)</li> <li>Now analyse team's batters, pitchers, Fielders</li> <li>Select analyse batters then it redirect to another page where you can analyse Players in detail. And compare the performance in own team and others team. A Batter have some important matrices using which we can analyse his performance :-               <ol style="list-style-type: none"> <li>Slugging %</li> <li>Runs Created</li> <li>Caught stealing</li> <li>Stolen bases</li> </ol> </li> <li>Now analyse your Pitchers, matrices of pitchers               <ol style="list-style-type: none"> <li>Winning %</li> <li>Loss Ratio</li> <li>Strike Out</li> <li>Wild Pitches</li> <li>Hit by Pitches</li> </ol> </li> <li>Fielders               <ol style="list-style-type: none"> <li>Range Factors</li> <li>Errors</li> </ol> </li> </ul>
Value/ Decision	This dashboard can help a manager to increase the performance of his team
Cosmetics/ Look & Feel	<ul style="list-style-type: none"> <li>Heat MAP</li> <li>Scatter chart</li> <li>Used custom shapes</li> </ul>
Technical/ Capability	<ul style="list-style-type: none"> <li>IFF function</li> <li>Parameters</li> <li>Used case function</li> <li>Context filters</li> </ul>