

## Aviation Database Abstract

Database analytics is a growing field in today's world with the rapid growth of big data that is available for use. Industries will use this big data in any way that they can to be able to get a competitive advantage over their competitors to gain more market share. After collaborating on our interest and doing research, our team choose to look deep into the databases of aviation. After gathering numerous databases on the field, we ended up choosing one that was aviation accidents the recorded statistics involving the accidents. This database is full of different continuous and categorical data that we can use to find any sort of relationships that we are looking for. With everything from hours of flight time that the pilot has recorded to the time of day in which the accident occurred, we can expect to find some correlation the data. Our goal as a team is to find a relationship in the data that would not typically jump out at you at first, but through analyzing and transforming the data be able to present it in a way where the average person would be able to use it.