

Sharing from AIA talk session

- To explore driver who had multiple claims and immediately bought insurance might signal fraud **(winston,hz to do)**
- Count conversion rate from policy bought → Claim made → Claim rejected → Claim approved to show upper management
- Quantify accident types and assign it an ordinal risk number. Apply to car dataset. Look at average claimpaid vs cause type to quantify risk – **(Winston to do)**
- Look at how long time duration between policy start date and claim date for trends **(HZ to do)**
- AIA uses random forest method to predict claim method. Partition Tree cannot extrapolate to extreme claim amount. **(elijah read)**
- Look into characteristics of the rejected claims dataset **(Elijah to do)**
- Check for correlation between claim paid and sum insured **(HZ to do)**

Sharing from Jenny

- Currently there is a gap in analysis in top clients and what vehicle that they insure
- Bottom Line performance in TMI is ahead of budget by 4% in 2015
- There were new fields added in in 2015 **(Repairer Status, Geographic Region)**, this would be good for some data exploration
- Currently the actuarial department does not conduct any predictive modelling based on the dataset, thus it might be helpful to do some predictive modelling.