

Analyses and Visualizations for Anki

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08 April 2019

Compute summary statistics

- Average news/day: 50.8 (includes cards that were deleted later)
- Average reviews/day: 219.7
- Average errors/review: 8.8%
- Average interval multiplier: 2.44x
- Studied cards: 4370
- Total cards: 23627
- Estimated total days to completion: 465
- Estimated remaining days to completion: 378
- Estimated completion date: 2020-04-25
- Suggested new interval (explanation below): 2.77

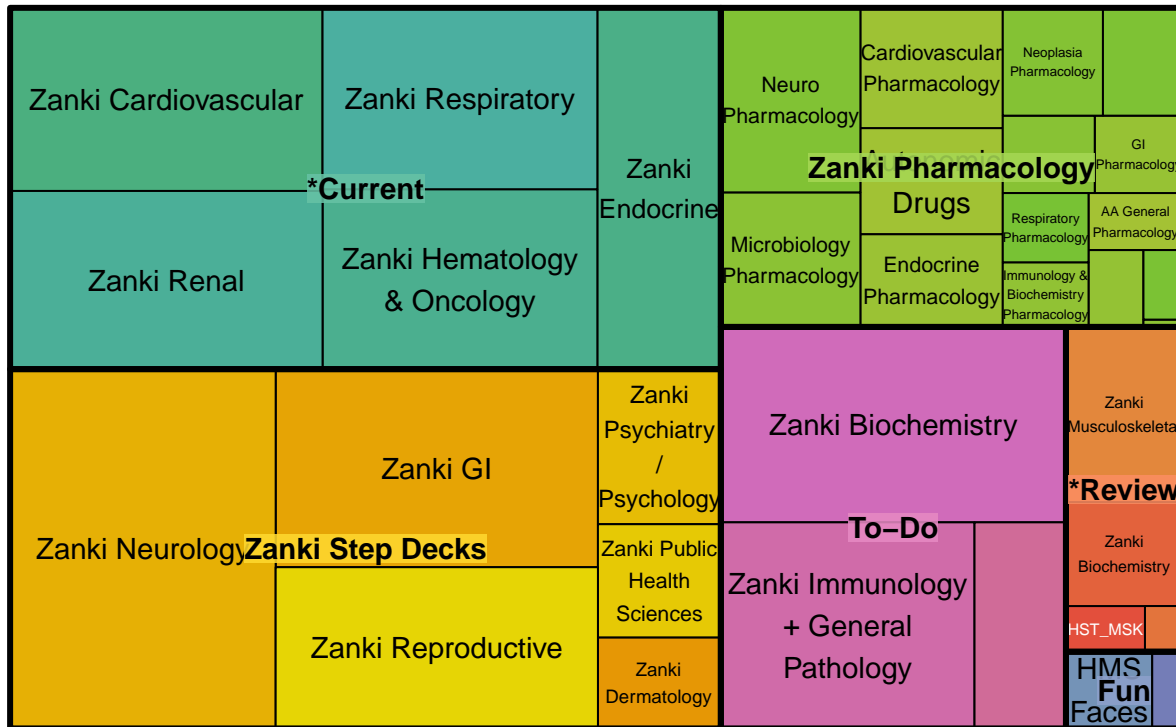
Anki suggests targeting a 10% error rate (90% retention) using the following equation:

$$\text{Optimal interval} = (\text{Current interval}) \left(\frac{\log(\text{desired retention \%})}{\log(\text{current retention \%})} \right)$$

Using the values from above, we get:

$$\text{Optimal interval} = (2.44) \left(\frac{\log(0.900)}{\log(0.912)} \right) = 2.77$$

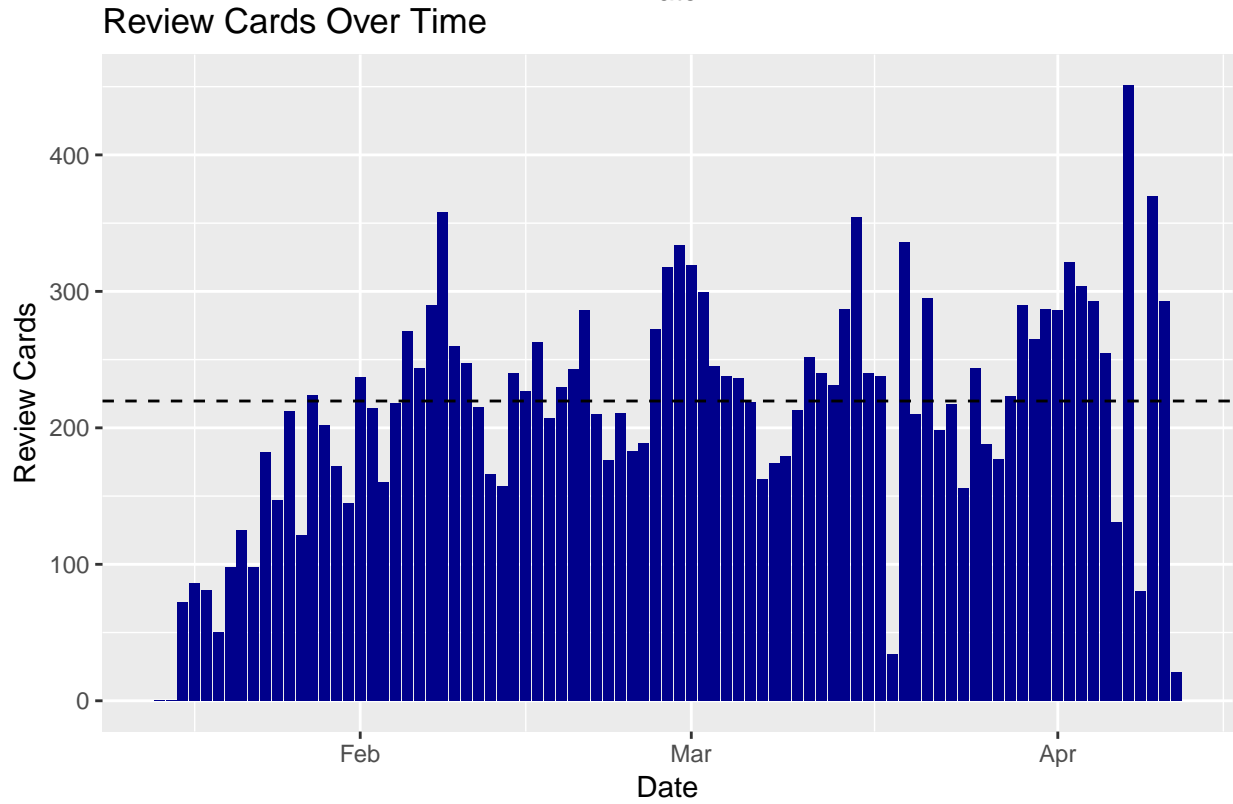
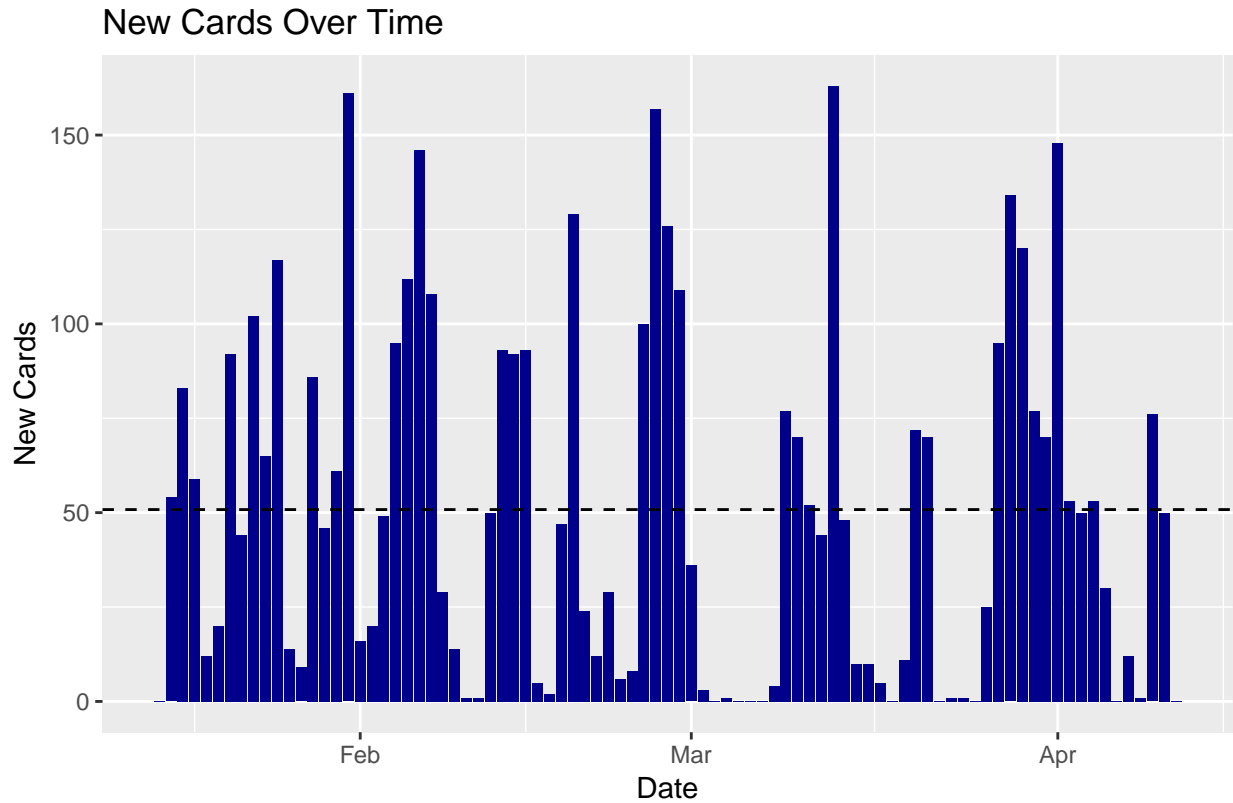
Card Distribution by CATEGORY



Card Distribution by LEARNED/UNLEARNED

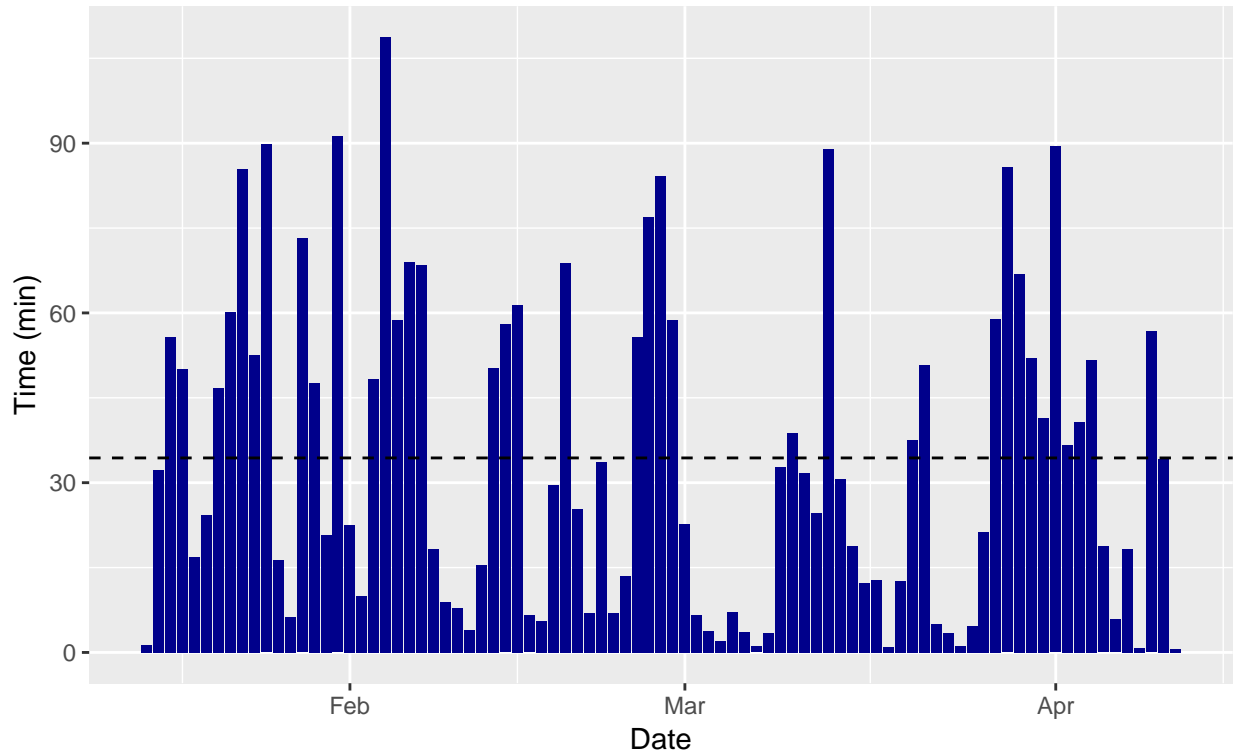


Reviews counts

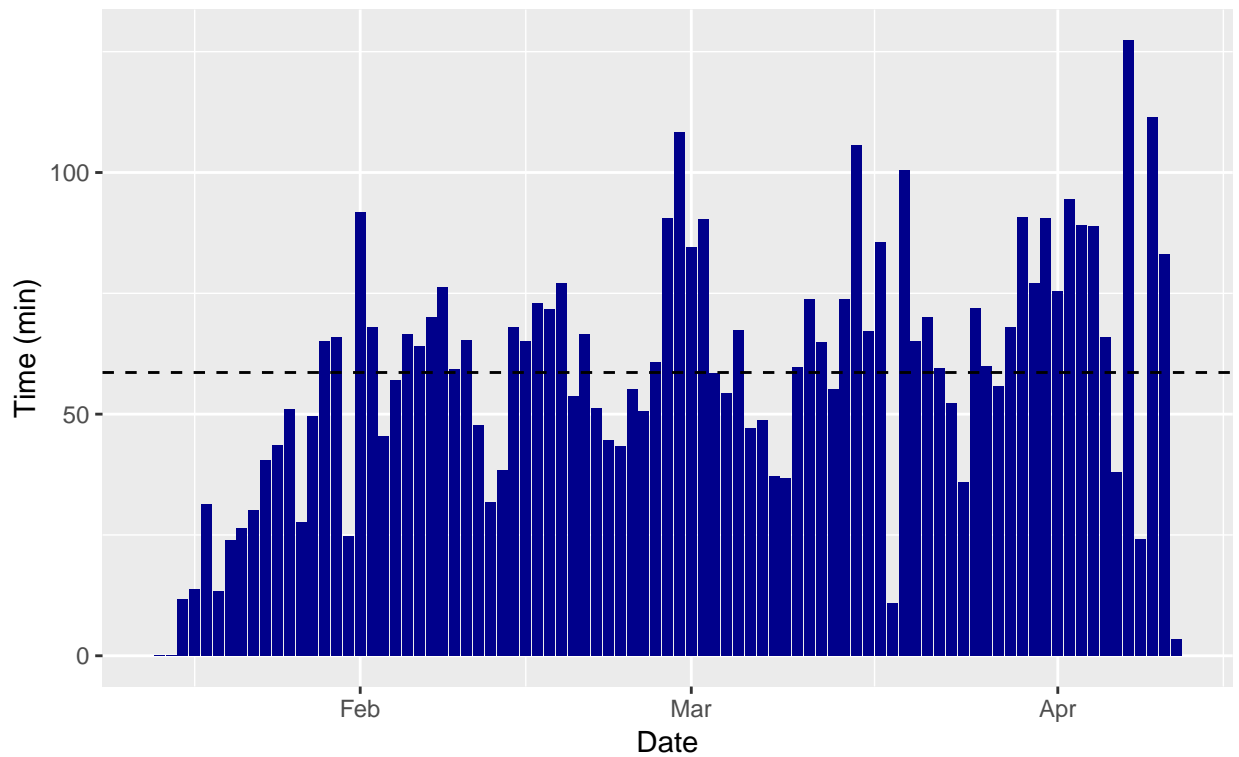


Time Commitment

Time Spent on New Cards Over Time

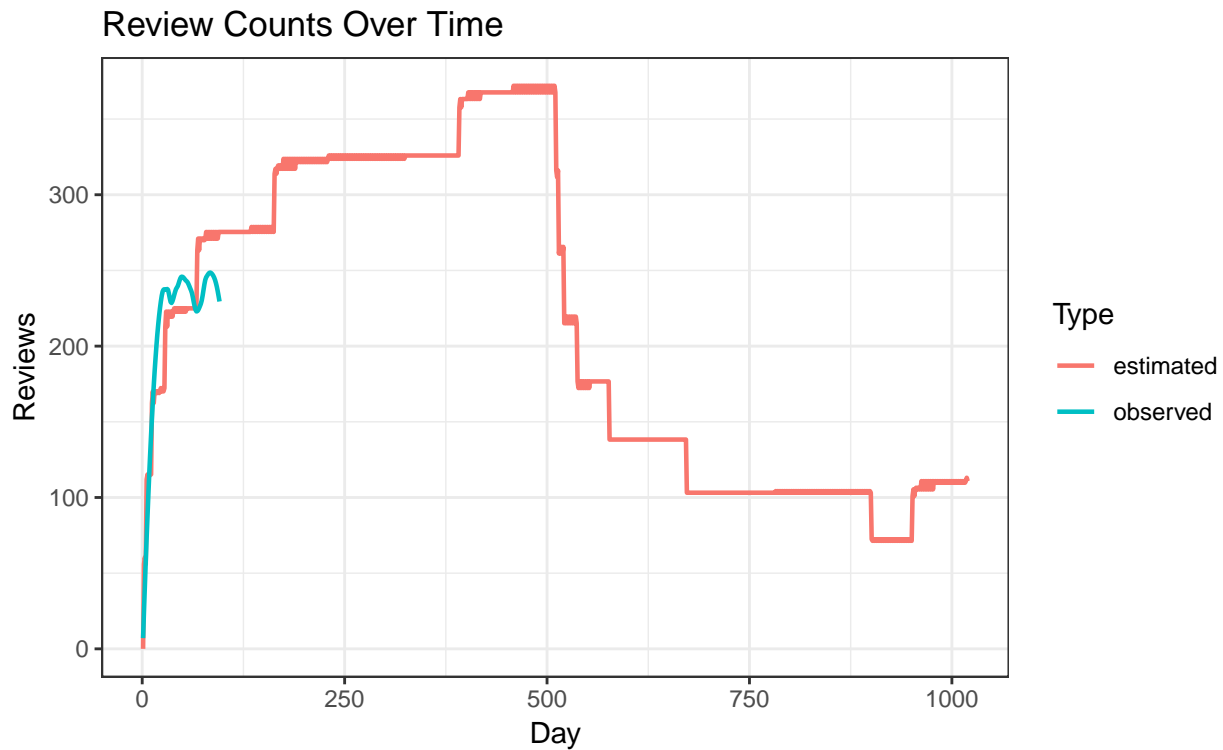


Time Spent on Review Cards Over Time

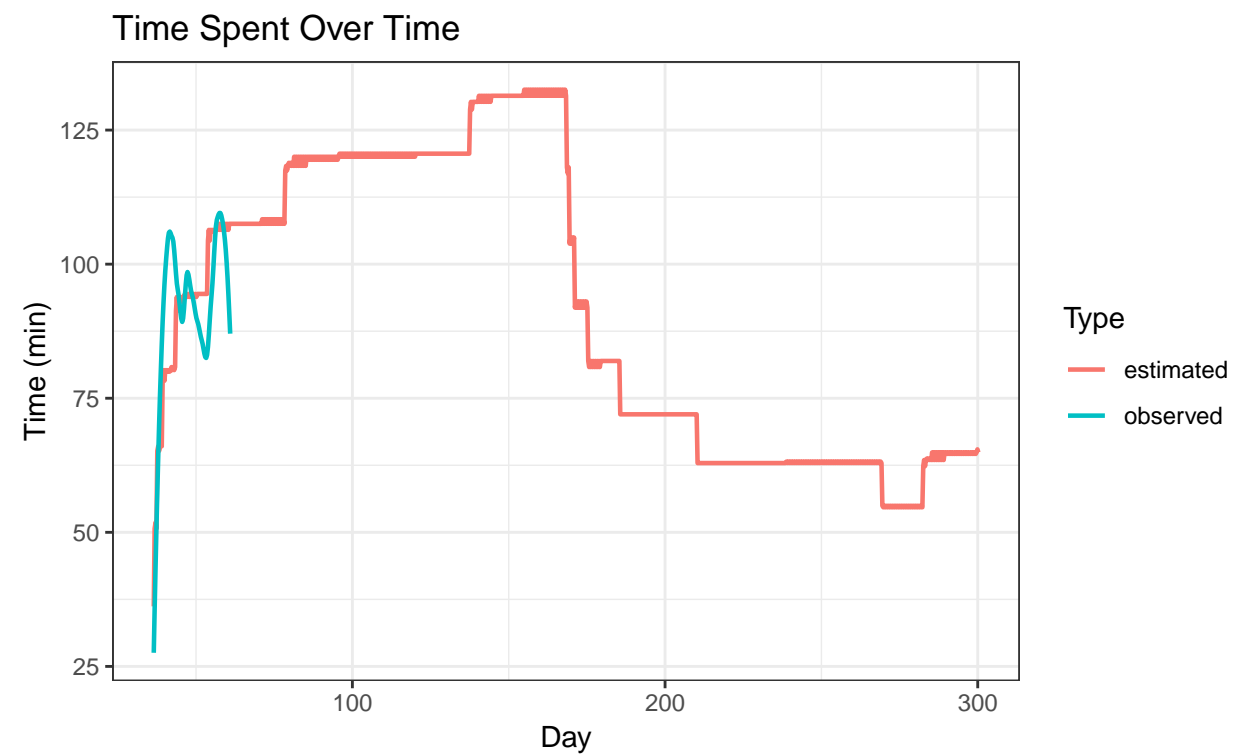


Simulation Forecasting

Model generated for empirical values: New cards/day = 50.8, total cards = 23627, error rate = 0.088



Observed counts smoothed using span=0.5; model estimates scaled by 1.1x.



Observed counts smoothed using span=0.5; model estimates scaled by 1.04x.