



## SMS Essay Prize Winners 2017

### Category A

- 1st**            *Big Data and Topographical Data Analysis*  
Soh Yong Xiang  
Tan Jen Han  
Tan Jia Jun Shaun  
Hwa Chong Institution
- 2nd**            *The World of Big Data and Mathematics*  
Lum Jie Qi Steffi  
Sarah Soon Hui En  
Seet Seow Chee  
Paya Lebar Methodist Girls' School (Secondary)
- 3rd**            *Big Data Analytics – Predicting Traffic Levels in Smart Cities Using Machine Learning and IoTs*  
Guru Anand Anish  
St Joseph's Institution

### Category B

- 1st**            *Mathematics and Big Data*  
Han Jiatao Jerry  
Raffles Institution
- 2nd**            *Walking into the Mathematics behind Big Data "Data is the new currency in the brave new digital world"*  
Regina Limanta  
Megan Png Jing Ting  
Paya Lebar MGS (Secondary)
- 3rd**            *An Interdisciplinary Analysis of the Significance of Data Mining and Information Security*  
Ng Shen Ray  
Ng Jun Rui  
Max Wu Wen Jie  
Hwa Chong Institution

## Category C

**1st**

*Airline overbooking with mathematics and Big Data*

Jovon Lim Jun Wei

Hu Xingyi, Xavier

Goh Jia Qing

Victoria Junior College

**2nd**

*The use of Markov chain for search optimisation in the world of Big Data*

Ivan Feng Jun Ka

Wayne Yeo Wei Zhong

Gao Changxiang

Victoria Junior College

**3rd**

*Linear regression and its applications in Big Data*

Nguyen Tuan Dung

Anglo-Chinese School (Independent)