## **Traffic volume Statistics Program**

1. Input file name and path
2. Output file name and path
3. Traffic volume statistics

* Approaches and Movements, for example
  + - North approach: Left Turn, Through, Right turn, U-Turn

1. User-given time and interval-specific summary statistics

For example,

* **Start:** 0700 hrs,
* **End:** 0900 hrs;
* **Interval:** 30 mins

Then the summary statistics would be required for each of the following time periods in the same worksheet.

* 0700 – 0730
* 0730 – 0800
* 0800 – 0830
* 0830 - 0900

1. User interface

* Path of the raw traffic volume data:
* Which year and month? 202306
* Which day: 16
* Time: Start 0700. Finish 0900
* Interval: 15 mins
* TCS number? 0196.
* What are the approaches:
  + North
  + South
  + East
  + West
* North Approach specific turns and detector numbers
  + LT: 6
  + TH; 6, 7
* South Approach specific turns and detector numbers
  + LT: 1
  + TH: 2.3
  + RT: 4, 5
* Output (Summary file) file name and path