The Taxicab Problem

You work for a business that has been using two taxicab companies, Company A and Company B. Your boss gives you a list of (early and late) "arrival times" for taxicabs from both companies over the past month. Your job is to analyze those data using charts, diagrams, graphs, or whatever seems best.

You are to:
1. Make the best argument that you can in favor of Company A;
2. Make the best argument that you can in favor of Company B;
3. Write a memorandum to your boss that makes a reasoned case for choosing one company or the other, using the relevant mathematical tools at your disposal.

COMPANY A						
3 min. 30 sec. EARLY	3 min. 30 sec. EARLY	3 min. 30 sec. EARLY	3 min. 30 sec. EARLY	3 min. 30 sec. EARLY	3 min. 30 sec. EARLY	3 min. 30 sec. EARLY
45 sec. LATE	45 sec. LATE	45 sec. LATE	45 sec. LATE	45 sec. LATE	45 sec. LATE	45 sec. LATE
1 min. 30 sec. LATE	1 min. 30 sec. LATE	1 min. 30 sec. LATE	1 min. 30 sec. LATE	1 min. 30 sec. LATE	1 min. 30 sec. LATE	1 min. 30 sec. LATE

COMPANY B						
3 min. 45 sec. LATE	3 min. 45 sec. LATE	3 min. 45 sec. LATE	3 min. 45 sec. LATE	3 min. 45 sec. LATE	3 min. 45 sec. LATE	3 min. 45 sec. LATE
4 min. 30 sec. LATE	4 min. 30 sec. LATE	4 min. 30 sec. LATE	4 min. 30 sec. LATE	4 min. 30 sec. LATE	4 min. 30 sec. LATE	4 min. 30 sec. LATE
3 min. LATE	3 min. LATE	3 min. LATE	3 min. LATE	3 min. LATE	3 min. LATE	3 min. LATE

from http://www.collectedny.org/frameworkposts/the-taxi-cab-problem-modeling-in-mathematics/