Summary Writing & Team Project

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Outline

• Summary Writing

• Team Project Topics
Format

• ACM Word or Latex Format

• One Page per paper

• Double Column

• Font: Times New Rome 10
Format

What is the key scientific question?
What it is hard or important to solve this question?
What are existing approaches?
Why they are not sufficient?
What the authors’ idea?
Why this is new?
Better than existing ones?
How they evaluate it?
What are the strengths of this paper?
What are the weaknesses of this paper?
How you can address these flaws?
### Example:

<table>
<thead>
<tr>
<th>1st Author</th>
<th>2nd Author</th>
<th>3rd Author</th>
</tr>
</thead>
</table>
| What is the key scientific question?  
Why it is hard or important to solve this question? | What are the strengths of this paper? |
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| What the authors’ idea?  
Why this is new?  
Better than existing ones?  
How they evaluate it? | How you can address these flaws? |

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5. **Sections**
Outline

• Summary Writing

• Team Project Topics
10 Possible Topics

1. Predictive Modeling for Demand and Supply in
   1. Bike System
   2. Taxi System
   3. Logistic Track System
   4. Bus System
   5. Subway System
   6. Private Vehicle System
   7. Electric Vehicle System

2. Transit Transfer Activity Modeling with Smartcard Data

3. Cellphone Data Related Urban Modeling

4. Comparative Study for For-Hire-Vehicle (Uber) vs. Taxi

5. Transfer Learning for Multi-City Dataset
Open Dataset

• Transportation
  • Taxi: NYC, Chicago, SF, Beijing, Shanghai, Shenzhen
  • Bus: NYC,
  • Bike: NYC, Seattle, Bay Areas, Boston, DC, MSP, Paris, London
  • For-Hire-Vehicles (FHV): e.g., Uber and Limo
  • Private Vehicles: Beijing (Geolife)

• Telecommunication
  • LinkNYC
  • CRAWDAD
  • Shenzhen

https://www.cs.rutgers.edu/~dz220/CS671/data.html