Scientific Data Mining Proposal

Challenge:
The challenge is to build a system that processes videos and annotates with weather data through image recognition and machine learning. It will store annotation data and videos in a database, and have a user interface that enables queries upon the database.

Project:
- UI to input videos with associated times and location
- System to extract data from video
- Database system to store extracted data
- UI to query data

Roles:
- Eric Gribkoff: Machine learning, Database
- Saerorm Park: Machine learning, OpenCV
- Liz Shigetoshi: Machine learning, UI
- Ashish Subedy: Machine learning, UI

Question/Comments:
How many videos are there?
Is there training data for our AI?
What are the camera positions? Their locations?
When can we access the data?
Can we use Java OpenCV?