General objectives of Data Protection Law - Task

Tasks: Please answer the following questions:
(a) From which fundamental rights does data protection law derive?
b) What are the purposes of the following information processing operations?
c) Which fundamental rights and interests collide with regard to the following facts?
1. The Berlin police install several cameras at the Südkreuz train station that can recognize faces based on artificial intelligence. The records are transmitted to Police Station 1 and stored there for 1 year.
2. The Berlin police publish annual crime statistics. Among other things, this lists how many serious crimes took place in Berlin during the year.
3. A Berlin daily newspaper publishes the information that people who live in Bergmannstraße in Berlin Kreuzberg take an average of 12 days more "sick leave" per year. (Variation: Assume that the correct number is 7).
4. The Technical University of Berlin use the Zoom videoconferencing system for holding courses. In doing so, students have to state their first name (variation 1: This happens during the Corona pandemic; variation 2: Students are allowed to freely invent a name).
5. Autonomous vehicles record their surroundings with the help of cameras. Assume that the information is stored 24 hours.
6. Jameda GmbH operates a portal for rating doctors under the domain "jameda.de".
7. Hotel H installs a surveillance camera at the pool and in the sauna. The information is stored 24 hours.
8. Alice uses a smart speaker in her apartment.