**Ransomware**

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| **Type (Ex. Technical data, Operational data, Reliability data…)** | **Name and Link of the Database (Not limited to those listed on the slides)** | **How do you rate the quality of data on a 10 points scale, briefly discuss about the data quality using the matrix on slides and textbook (Ex. Accessibility, friendliness, system/components boundaries)** | **Briefly discuss how do you plan to use the data (Ex. Identify risk influencing factors, estimate probability, estimate likelihood, business impact analysis)** |
| Technical Data | 2019 Data Breach Investigations Report  <https://enterprise.verizon.com/resources/reports/dbir/> | 7 – This database did contain the technical data for Ransomware. It was easy to access, and it was certainly up to date. It was missing some points such as the failure rate function. | We would like to use this data for business impact analysis. If we can discern what exactly would happen in the event of a ransomware attack, we can develop disaster plans and reactions to the event. |
| Operational Data | 2019 Data Breach Investigations Report  <https://enterprise.verizon.com/resources/reports/dbir/> | 2 – The database didn’t have much information operational data. Considering the rarity of a ransomware attack, there wasn’t much operational data as far as healthcare goes. | Operational Data would be used to gather information about what could be affected by a ransomware attack. Which systems would be high targets, and how it would interact with the attack. |
| Reliability Data | <https://www.sciencedirect.com/science/article/pii/S0022480418304773> | 7 – This database is a good one to look at as far as cyber attacks go. It has plenty of information about the reliability of data after a cyber attack. | This is the type of data that is most important/affected in a ransomware attack. This data shows us types of demographics, ailments, etc. That are related to a patient. |
| Meteorological Data | 2019 Data Breach Investigations Report  <https://enterprise.verizon.com/resources/reports/dbir/> | 1 - This data wouldn’t be used in the report. | Meteorological Data isn’t going to be used too much when related to ransomware. Meteorological data would not be able to predict ransomware attacks, nor would it be able to draw conclusions about ransomware. |
| Exposure Data |  |  |  |

**Power Outage**

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| **Type (Ex. Technical data, Operational data, Reliability data…)** | **Name and Link of the Database (Not limited to those listed on the slides)** | **How do you rate the quality of data on a 10 points scale, briefly discuss about the data quality using the matrix on slides and textbook (Ex. Accessibility, friendliness, system/components boundaries)** | **Briefly discuss how do you plan to use the data (Ex. Identify risk influencing factors, estimate probability, estimate likelihood, business impact analysis)** |
| Technical Data | Technical Analysis of the August 14, 2003, Blackout:  <https://search.alexanderstreet.com/view/work/bibliographic_entity%7Cbibliographic_details%7C2208391#page/11/mode/1/chapter/bibliographic_entity%7Cdocument%7C2208395> | I rate this as an 8, the data in this database talks about multiple power companies over a wide range of space. It even gives a summary of conditions, and places that became out of service. | This data will give us information about the technology impacts of a power outages. You can use this to determine how impactful an outage would be on the hospital and the likelihood of it. |
| Meteorological Data | BLACKOUT: EXTREME WEATHER, CLIMATE CHANGE AND POWER OUTAGES  <https://www.ourenergypolicy.org/wp-content/uploads/2014/04/climate-central.pdf> | I give this an 8, data on meteorology is very important when planning for hospital power outages. This did not have very specific data to the region though. | I plan to look at the probability of weather incidents for the area the hospital is. This data will give us information on threats so we can better prepare for them. |
| Data on natural  events | The Next Catastrophe: Reducing Our Vulnerabilities to Natural, Industrial, and Terrorist Disasters  <https://search.alexanderstreet.com/view/work/bibliographic_entity%7Cbibliographic_details%7C2139012#page/66/mode/1/chapter/bibliographic_entity|document|2139021> | I rate this data as a 6. There are plenty of different natural disasters and their statistics, but they do not relate directly to power outages. | This data would be used in order to predict power outages. Should there be heavy rain or snow, the possibility of a power outage goes up dramatically. It is important to recognize the affect natural events could have on power. |
| Environmental Data | HELP WITH YOUR HEALTHCARE EMERGENCY DISASTER PLANS <https://www.fosterfuelsmissioncritical.com/hospitals/> | I give this a 6, the data is very important data about environmental impacts, but they aren’t very specific, so it doesn’t deserve a higher rating than 6. | This is another piece of data that is directly related with power outages. This data will be important to determine what countermeasures we will take in order to avoid outages. Depending on which area of the world you are in, dealing with the environment is important. |
| Reliability Data | Technical Analysis of the August 14, 2003, Blackout:  <https://search.alexanderstreet.com/view/work/bibliographic_entity%7Cbibliographic_details%7C2208391#page/11/mode/1/chapter/bibliographic_entity%7Cdocument%7C2208395> | This database would deserve a 6 as well. It did contain a lot of information related to the reliability of data - especially on power outages. | Reliability data is going to be very important for this event. Having a g |