| Predicting Future Landslides | | |
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| WPRDC Data | [Landslides](https://data.wprdc.org/dataset/landslides) | Relevant attributes:   * Date of occurrence * Latitude/longitude * Cause of landslide * # of fatalities/injuries   Other notes:   * Only 142 records within PA, even fewer within Allegheny |
| [Landslides Pomeroy Study](https://data.wprdc.org/dataset/landslides-pomeroy-study) | Relevant attributes:   * Recency * Prehistoric * Conspicuous soil creep * Redbed * Man-made fill * Rockfall/debris   Other notes:   * 7,000+ records * Shapefile |
| [Landslide Prone Areas](https://data.wprdc.org/dataset/landslide-prone-areas) | Relevant attributes:   * N/A   Other notes:   * Only 37 records * Shapefile |
| Other Data | [3 Rivers Wet Weather](https://3rww.github.io/rainfall/) | Relevant attributes:   * Rainfall * Sensor * Location (by basin, municipality, or watershed) * Timestamp   Other notes:   * Very extensive querying system |
| Current Approaches | [Allegheny County Task Force](https://landslide-portal-alcogis.opendata.arcgis.com) | Notes:   * Centered around the municipal level * Developing awareness and communication * Currently maintaining repository of landslide information |
| [Mount Washington landslide mitigation begins as climate challenges increase](https://www.wesa.fm/development-transportation/2024-05-21/mount-washington-landslide-mitigation-climate-change) | Notes:   * Focus on Mount Washington and surrounding area * Partnerships between universities and local agencies |
| ML Options | Prediction   * f   Classification   * f | |

| Property Sales | | |
| --- | --- | --- |
| WPRDC Data | [Allegheny County Property Sale Transactions](https://data.wprdc.org/dataset/real-estate-sales) | Relevant attributes:   * Location * Price * Sale date * Building type   Other notes:   * 450K records overall, 245K records in Pittsburgh specifically |
| Other Data | [3 Rivers Wet Weather](https://3rww.github.io/rainfall/) | Relevant attributes:   * Rainfall * Sensor * Location (by basin, municipality, or watershed) * Timestamp   Other notes:   * Very extensive querying system |
| Current Approaches | [Allegheny County Task Force](https://landslide-portal-alcogis.opendata.arcgis.com) | Notes:   * Centered around the municipal level * Developing awareness and communication * Currently maintaining repository of landslide information |
| [Mount Washington landslide mitigation begins as climate challenges increase](https://www.wesa.fm/development-transportation/2024-05-21/mount-washington-landslide-mitigation-climate-change) | Notes:   * Focus on Mount Washington and surrounding area * Partnerships between universities and local agencies |
| ML Options | Prediction   * f   Classification   * f | |

| Factors of Voter Turnout | | |
| --- | --- | --- |
| WPRDC Data | [Polling Places for Allegheny County Elections (Current)](https://data.wprdc.org/dataset/polling-places-for-allegheny-county-elections-current) | Relevant attributes:   * Municipality * Latitude/longitude   Other notes:   * 1,327 records, 406 in Pittsburgh specifically |
| [Allegheny County Voting District Boundaries](https://data.wprdc.org/dataset/allegheny-county-voting-district-boundaries) | Relevant attributes:   * Type (township vs. borough)   Other notes:   * 1,327 records * Shapefile |
|  | Relevant attributes:   * f   Other notes:   * f |
| Other Data |  |  |
| Current Approaches | f | Notes:   * f |
| ML Options | Prediction   * f   Classification   * f | |