

ActivitiesGoogle ChromeFri 11:28

car damage dataset - Google

←→↻

https://www.google.com/search?q=car+damage+dataset&oeq=car&oeq=chrome.0.6915916940j6946112j69457j0.1099j0j&source=chrome&ie=UTF...

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Google

car damage dataset

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Approx. 42,500,000 results (0.28 seconds)

GitHub - neekity-damage-detective: Assessing car damage with ...

https://github.com/neekitycar-damage-detective

Assessing car damage with convolution neural networks for a personal auto claims ... for classification and supplemented with the Stanford Car Image Dataset

Building a Mask R-CNN Model for Detecting Car Damage (Python ...)

https://www.analyticsvidhya.com/blog/2018/07/building-mask-rcnn-model-detecting-damage-ca...

Jul 19, 2018 - How to build a Mask R-CNN Model for Car Damage Detection. Dataset: carload_custom(self, dataset_dir, subset) """Load a subset of the

Is there any image dataset for car accidents? I want to apply deep ...

https://www.quora.com/Is-there-any-image-dataset-for-car-accidents-I-want-to-apply-de...

Oct 4, 2017 - Is there any image dataset for car accidents (new data)? I want to ... Are you intending to train your model with images of cars after an accident?

PDF

DEEP LEARNING BASED CAR DAMAGE CLASSIFICATION ... - IITB-EE

https://www.ee.iitb.ac.in/~student/-kalpesh.pasth/material/car_damage.pdf

by KISHORE K. SUNDAR - Related articles

edge: there is no publicly available dataset for car damage classification. Therefore, we created our

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[illegible]

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Assessing car damage with convolution neural networks for a personal auto claims expedition use case

2.2.2. Data analysis

[illegible]

1000

Abstract The purpose of this study was to determine the effect of a 12-week, low-intensity, supervised walking program on the physical and psychological health of sedentary, middle-aged women. The study was a randomized, controlled trial. The subjects were 40 sedentary, middle-aged women who were randomly assigned to either a supervised walking program or a control group. The walking program consisted of 12 weeks of supervised walking, 3 times per week, for 30 minutes per session. The control group consisted of 20 women who did not participate in the walking program. The subjects were assessed at baseline and at 12 weeks for physical and psychological health. The walking program had a significant positive effect on the physical and psychological health of the subjects. The walking program significantly improved the subjects' physical health, as measured by the 6-minute walk test, the 12-minute walk test, and the 400-meter walk test. The walking program also significantly improved the subjects' psychological health, as measured by the Beck Depression Inventory, the State-Trait Anxiety Inventory, and the Zung Depression Index. The walking program had no significant effect on the subjects' weight, blood pressure, or cholesterol levels. The results of this study suggest that a 12-week, low-intensity, supervised walking program can improve the physical and psychological health of sedentary, middle-aged women.

Figure 1

Keywords: child sexual abuse; disclosure; social support

Figure 1 consists of two bar charts. The left chart is titled 'All respondents' and the right chart is titled 'Respondents who have been personally affected by the economic crisis'. Both charts show the percentage of respondents for four levels of agreement with the statement 'The government should do more to help people who are struggling financially'. The categories are 'Strongly agree', 'Somewhat agree', 'Somewhat disagree', and 'Strongly disagree'.

Level of Agreement	All respondents (%)	Respondents who have been personally affected by the economic crisis (%)
Strongly agree	~65	~75
Somewhat agree	~25	~20
Somewhat disagree	~8	~5
Strongly disagree	~2	~0

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Accepted manuscript to appear in HMP

First comment

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

11. first_game: did or not spend

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2. **IDENTIFY THE SUBJECT**

 12-second gas-damaged or whole cycle

First, control

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

0.5 classifying damage location again

Hard control

DOI: 10.1002/jbm.b.10678

Oil-classifying damage severity, μm

Keywords: child sexual abuse; disclosure; social support

Journal of Management Education

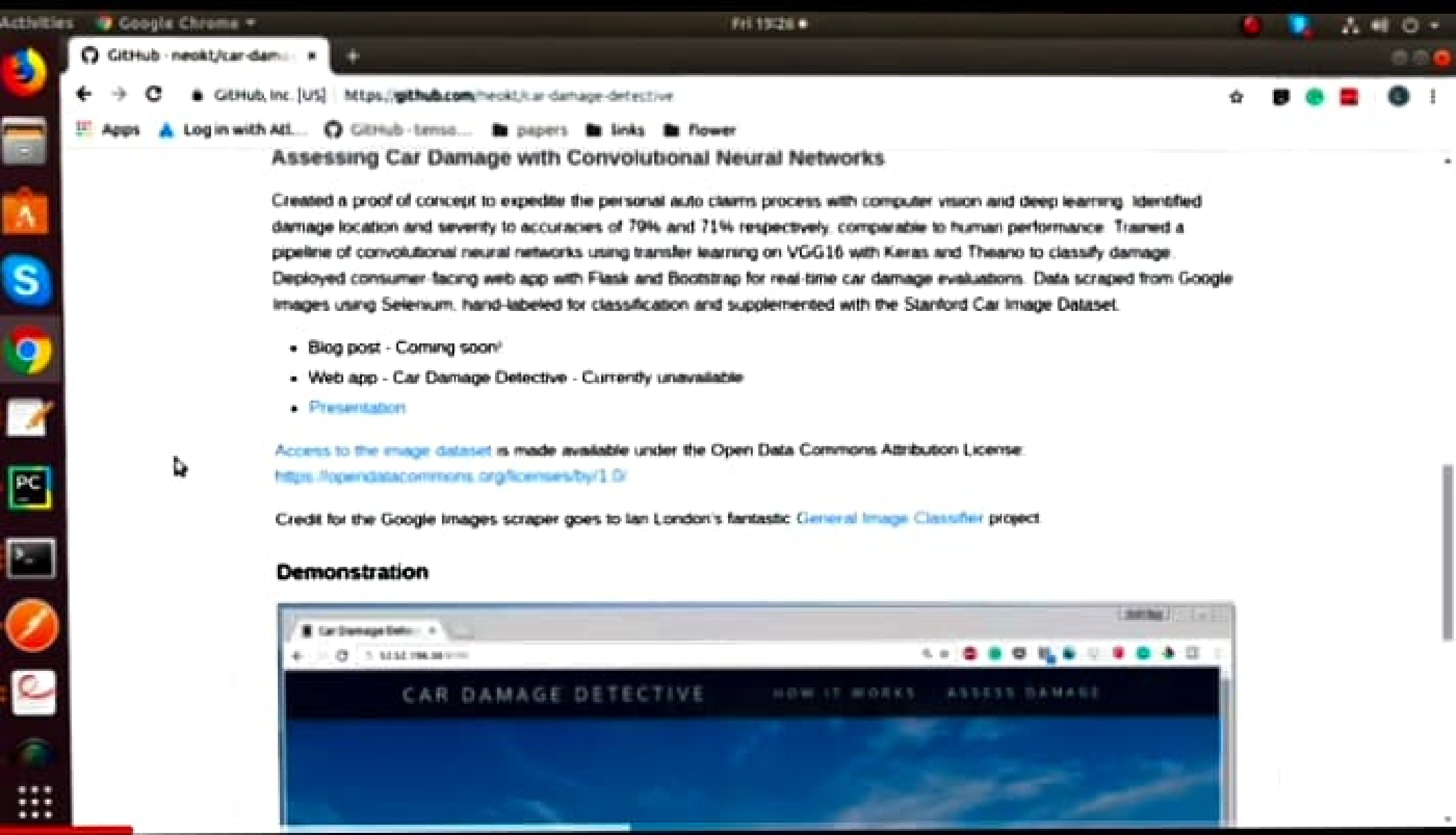
CI-production and app development cycle

Hand comments

DOI: 10.1002/for

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1. *Journal of Management Education*, 2000, 24(1), 10-19.



Assessing Car Damage with Convolutional Neural Networks

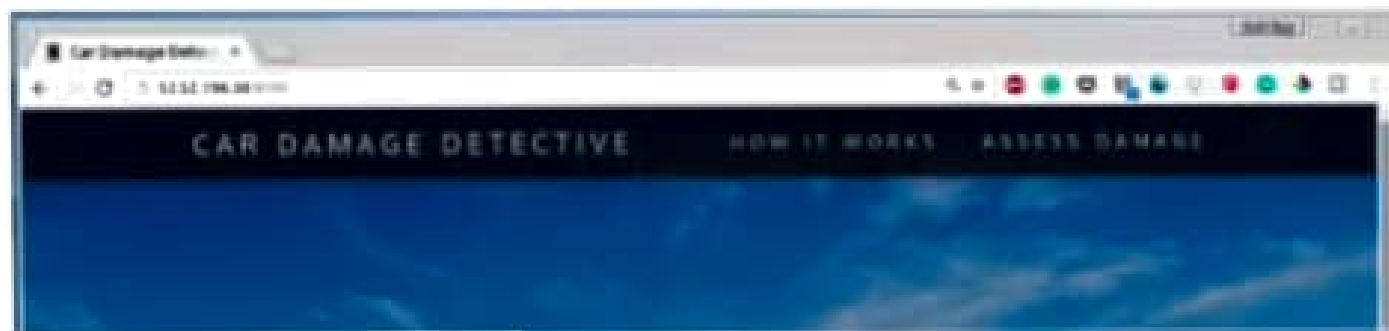
Created a proof of concept to expedite the personal auto claims process with computer vision and deep learning. Identified damage location and severity to accuracies of 79% and 71% respectively, comparable to human performance. Trained a pipeline of convolutional neural networks using transfer learning on VGG16 with Keras and Theano to classify damage. Deployed consumer-facing web app with Flask and Bootstrap for real-time car damage evaluations. Data scraped from Google Images using Selenium, hand-labeled for classification and supplemented with the Stanford Car Image Dataset.

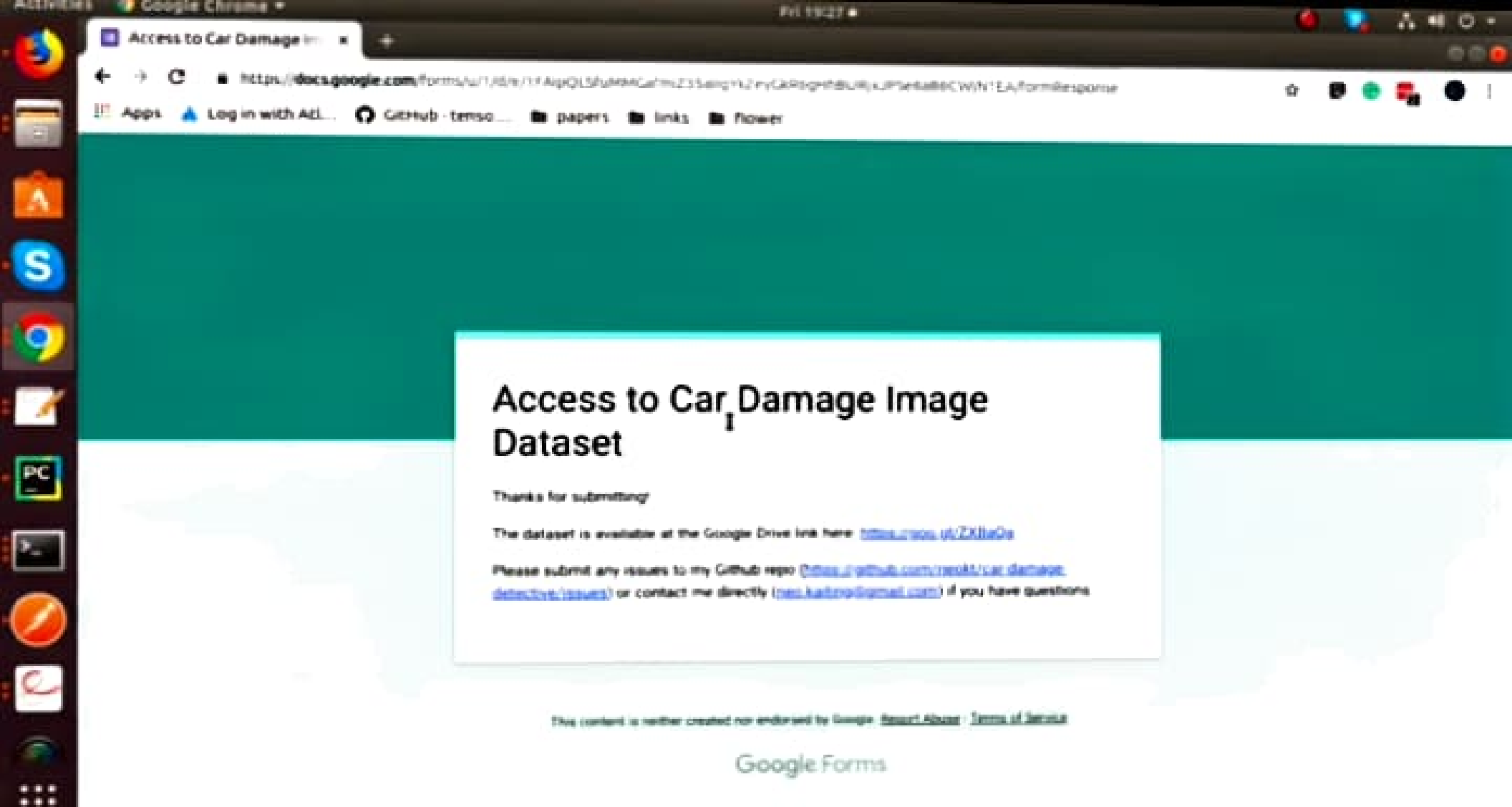
- Blog post - Coming soon!
- Web app - Car Damage Detective - Currently unavailable
- [Presentation](#)

Access to the [image dataset](#) is made available under the Open Data Commons Attribution License.
<https://opendatacommons.org/licenses/by/1.0/>

Credit for the Google Images scraper goes to Ian London's fantastic [General Image Classifier](#) project

Demonstration





Access to Car₁ Damage Image Dataset

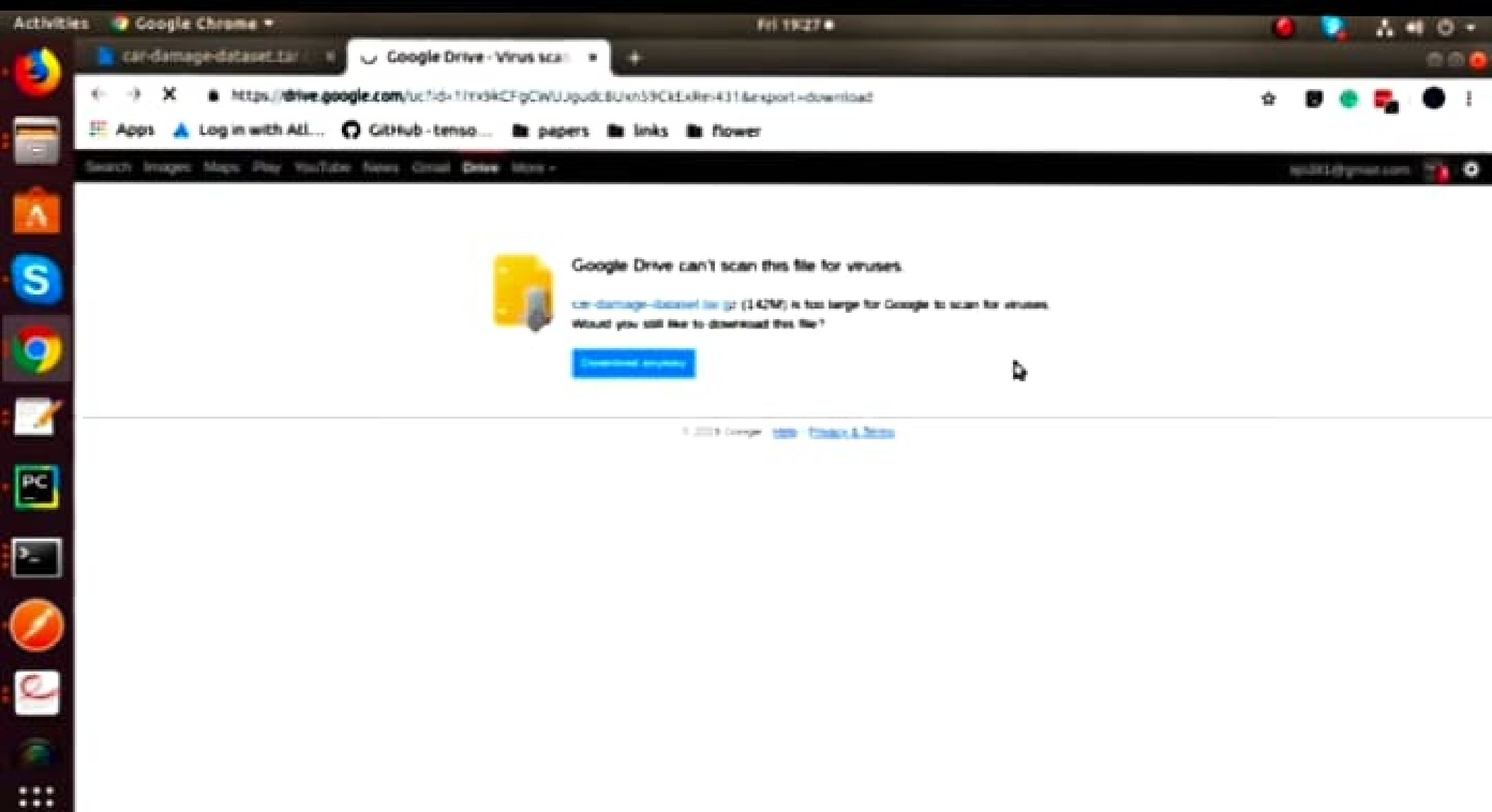
Thanks for submitting!

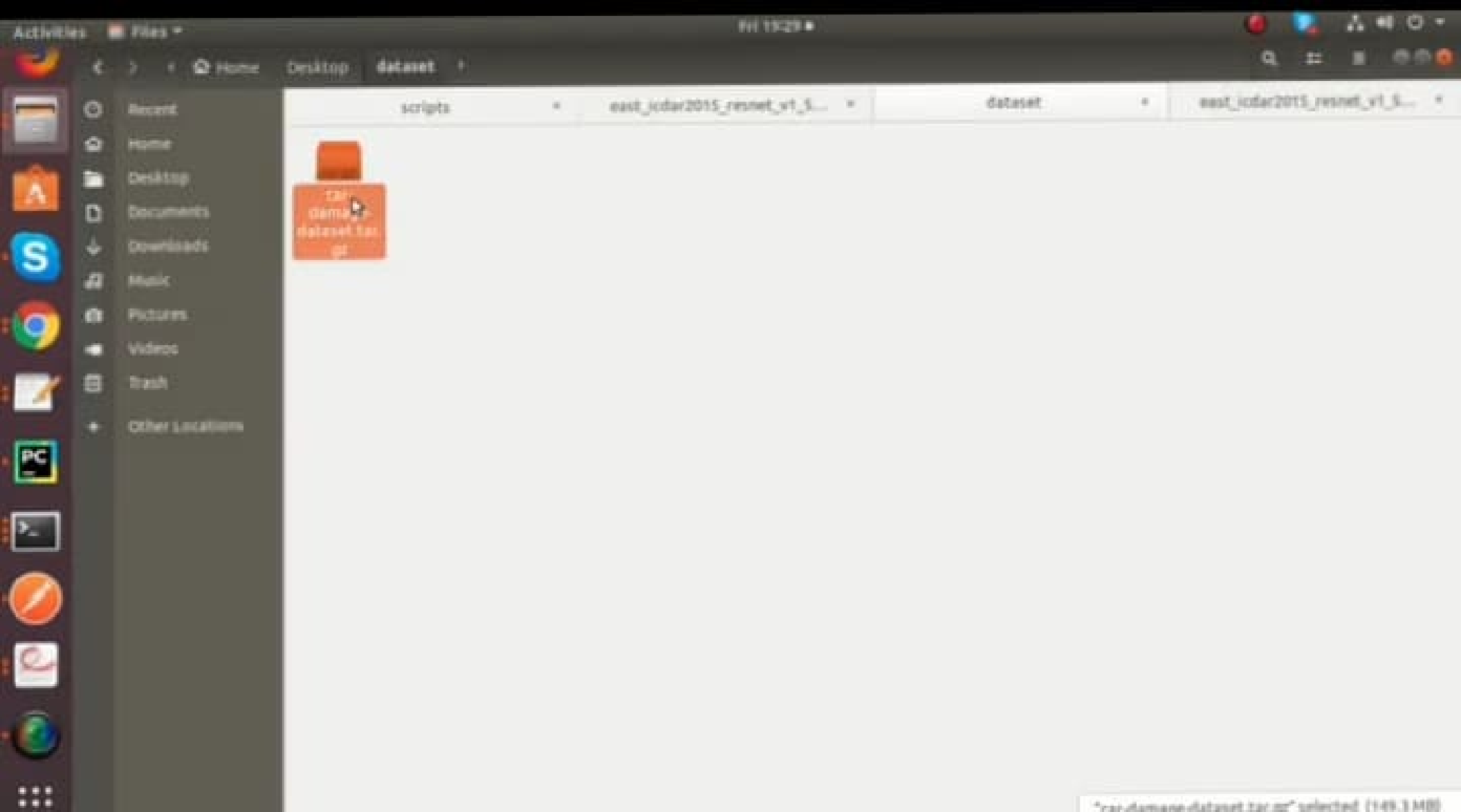
The dataset is available at the Google Drive link here: <https://www.gd/ZX1keDa>

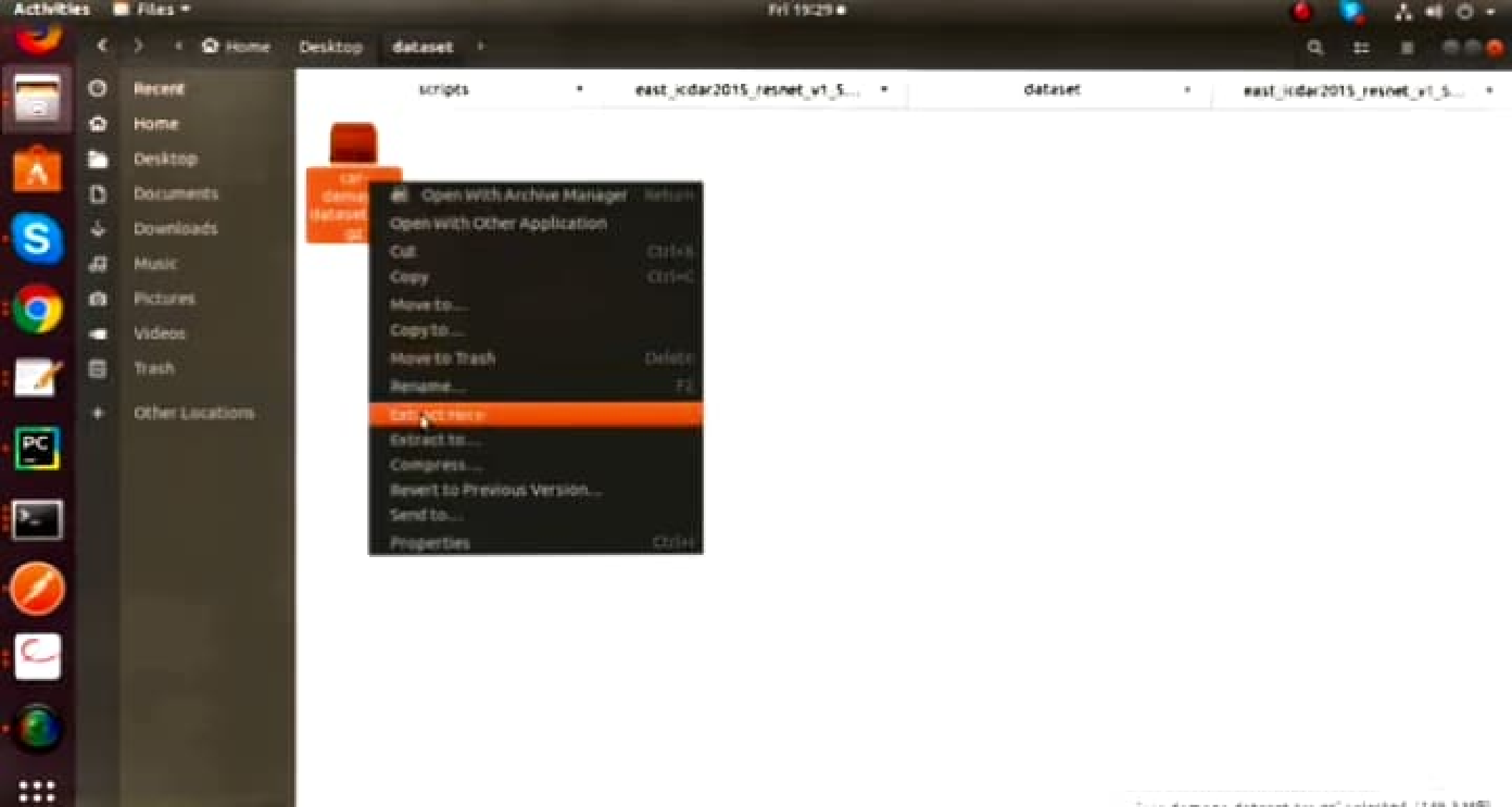
Please submit any issues to my Github repo (<https://github.com/robertk1/car-damage-detective/issues>) or contact me directly (robertk1@gmail.com) if you have questions

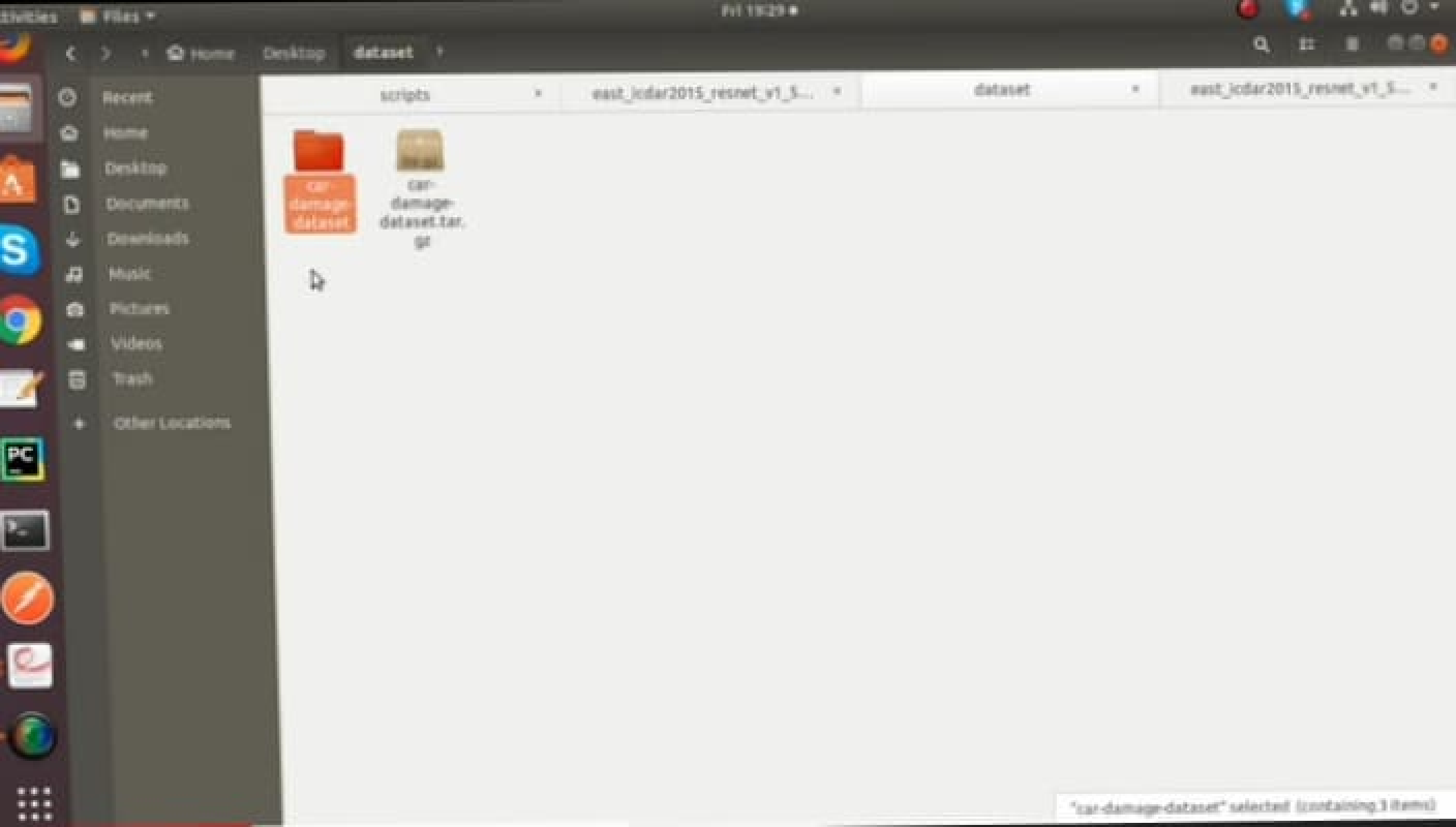
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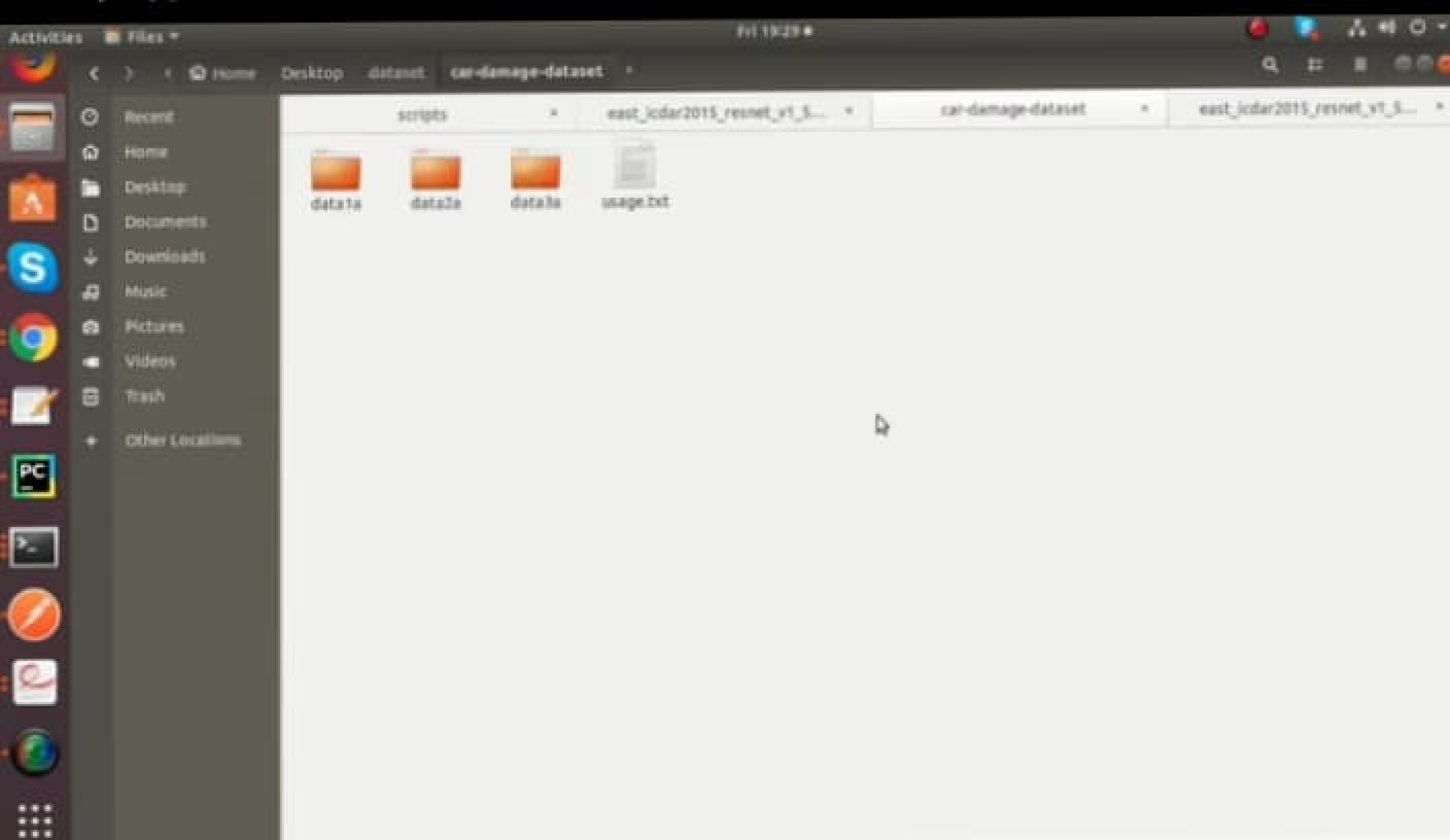
Google Forms



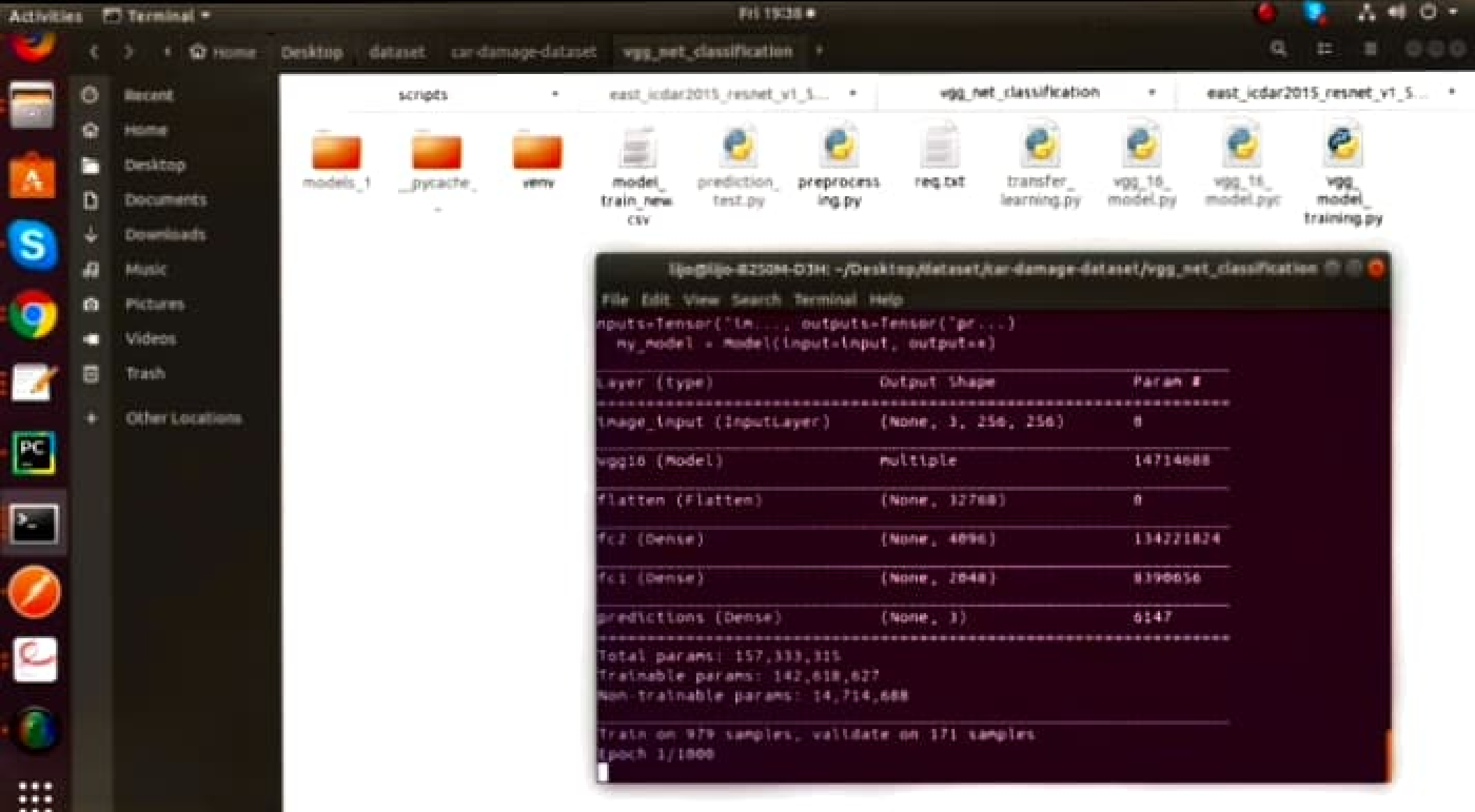








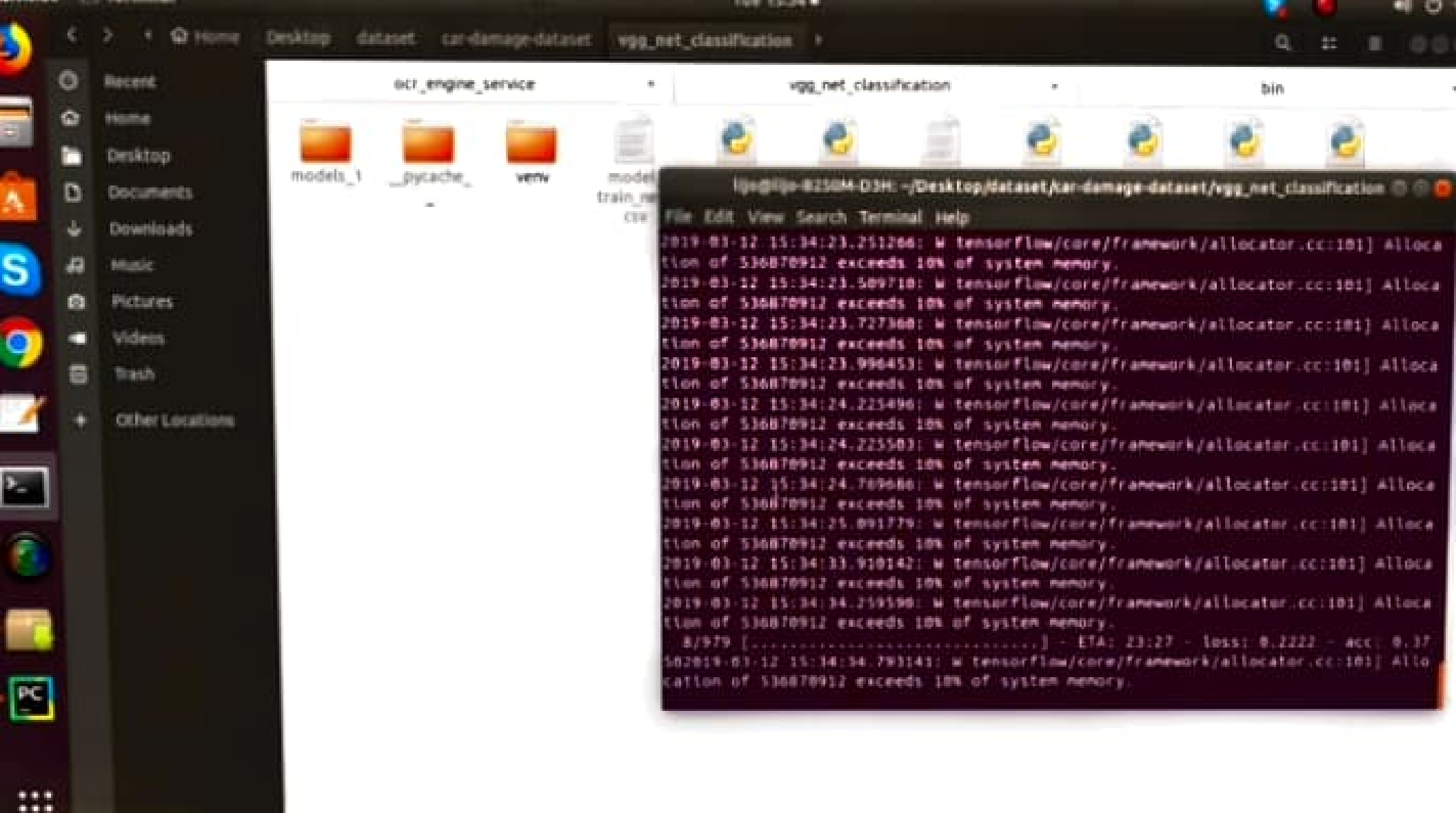




```
lipo@lipo-B210M-D1H: ~/Desktop/dataset/car-damage-dataset/vgg_net_classification
File Edit View Search Terminal Help
inputs=Tensor('im...', outputs=Tensor('pr...))
my_model = Model(input=input, output=a)

Layer (type)                 Output Shape              Param #
-----
image_input (InputLayer)     (None, 3, 256, 256)       0
vgg16 (Model)                 multiple                  14714688
flatten (Flatten)            (None, 12768)             0
fc2 (Dense)                   (None, 4096)              134221824
fc1 (Dense)                   (None, 2048)              8390056
predictions (Dense)          (None, 1)                 6147
-----
Total params: 157,333,315
Trainable params: 142,618,627
Non-trainable params: 14,714,688

Train on 979 samples, validate on 171 samples
Epoch 1/1000
```



```
lign@lign-82504-D3H: ~/Desktop/Dataset/car-damage-dataset/vgg_net_classification
File Edit View Search Terminal Help
2019-03-12 15:34:23.251266: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:23.509710: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:23.727368: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:23.946453: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:24.225496: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:24.225583: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:24.709086: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:25.091779: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:33.910142: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
2019-03-12 15:34:34.259596: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
 8/979 [.....] - ETA: 23:27 - loss: 0.2222 - acc: 0.37
2019-03-12 15:34:34.793141: W tensorflow/core/framework/allocator.cc:101] Allocation of 536870912 exceeds 10% of system memory.
```

[In vgg_net_classification](#) [vgg: Model training.py](#)

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* [30_vgg_net_classification - Download](#)

11. *Journal of the American Medical Association*, 277, 1996, 1031-1034.

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1998

1. *Journal of Management Education*, 2000, 24(1), 10-19.

