GUIDE TO ONLINE DASHBOARDS

SUPPLEMENT

TO

TRACKING THE DIGITAL FOOTPRINT IN LATIN AMERICA AND THE CARIBBEAN:

Lessons learned from using big data to assess the digital economy

ANÁLISIS DE LA HUELLA DIGITAL EN AMÉRICA LATINA Y EL CARIBE :

Enseñanzas extraídas del uso de los macrodatos para evaluar la economía digital

Report was prepared by Martin Hilbert (Hilbert[at]UCDavis.edu), Veronika Vilgis, Yu-Chang Ho, Xin Jin, Kangbo Lu, Karla Rascon-Garcia, and Matthew Reese.

Qlik Dashboards

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- 2. By LAC COUNTRY AND SECTOR
- 3. GENDER DISTRIBUTION
- 4. By Sector, Gender and Number of Projects

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- 4. INDIVIDUAL TECHNOLOGY: IPHONE AND J PHONE COMPARISON
- 5. ALTERNATIVE SOURCES

III. SOCIAI MEDIA

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- 2. INDUSTRIES
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- 3. PAYMENT METHODS
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VI. BROADBAND

- 1. GLOBAL AND REGIONAL COMPARISON
- 2. COUNTRY COMPARISON

VII. BITCOIN

1. BITCOIN (PURCHASES OVER TIME BY COUNTRY / REGION 2013 – 2019)

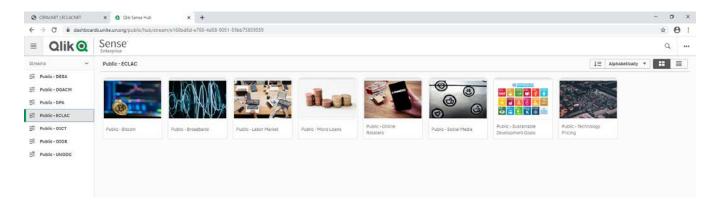
VIII. LABOR MARKET

- 1. WORKANA SUPPLY & DEMAND
- 2. FRELANCER SUPPLY & DEMAND

- 3. FREELANCER SUBSET ANALYSIS EARNINGS
- 4. DEMAND ALL SOURCES
- 5. BOLSA NACIONAL DE EMPLEO (BNE) CHILE DEMAND
- 6. BUMERAN DEMAND

Location

All dashboards are currently published on the Public - ECLAC stream: https://dashboards.unite.un.org/public



MICRO LOANS



MICRO LOANS

Data last loaded: Jul 16, 2019, 10:12 AM Published: Jul 17, 2019, 2:25 PM Published to: ECLAC Management Dashboard

▼ Base sheets (4)



Regional Comparisons



By LAC Country and Sector

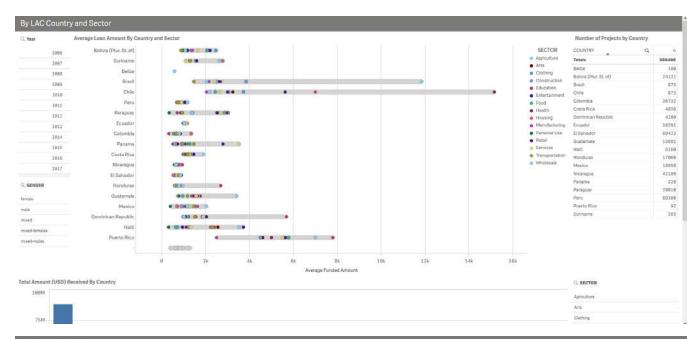


Gender Distribution



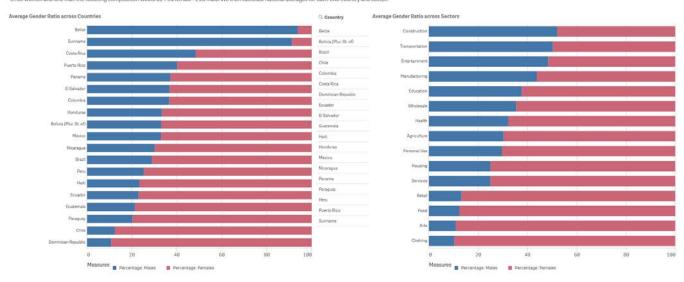
By Sector, Gender & Number of

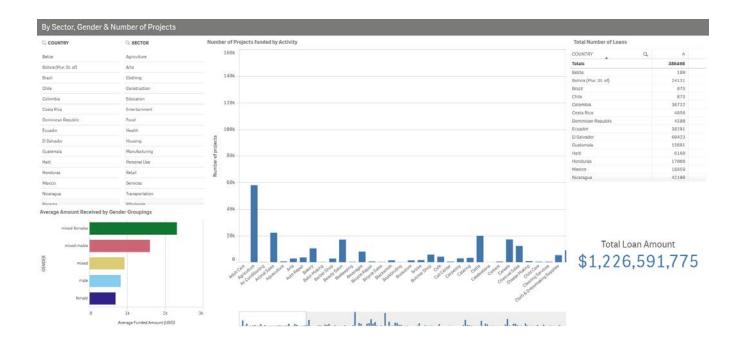




Gender Distribution

In this gender analysis we treat gender as a continuous variable in which we calculate the gender composition for each team. If the loan applicant is a single male the percentage assigned is (190% male - 0% female) the same is true for a team of five men. If a team consists of three women and one man the resulting composition would be 75% female - 25% male. We then calculate national averages for each LAC country and sector.





II. TECHNOLOGY PRICING



TECHNOLOGY PRICING

Data last loaded: Jul 15, 2019, 3:20 PM Published: Jul 17, 2019, 2:25 PM Published to: ECLAC Management Dashboard

ANALYSIS OF TECHNOLOGY PRICES ACROSS 18 LAC COUNTRIES

Sheets ☐ Bookmarks ☐ Stories

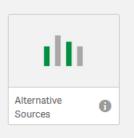
▼ Base sheets (5)





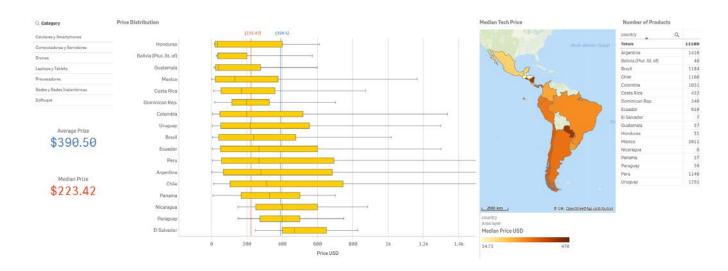


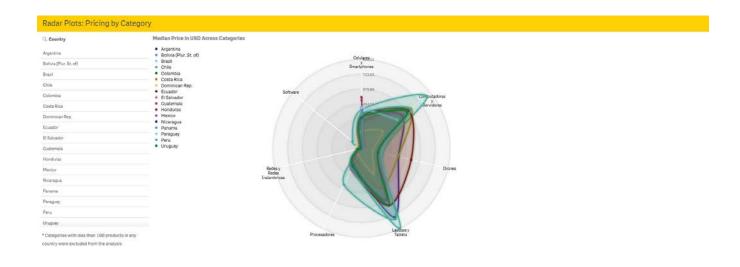


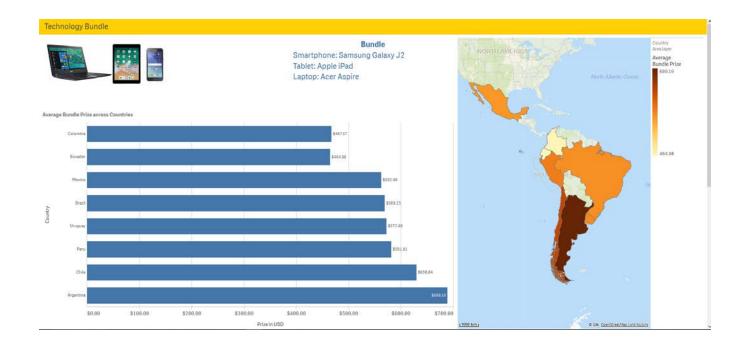


Price Distribution by Technology Category

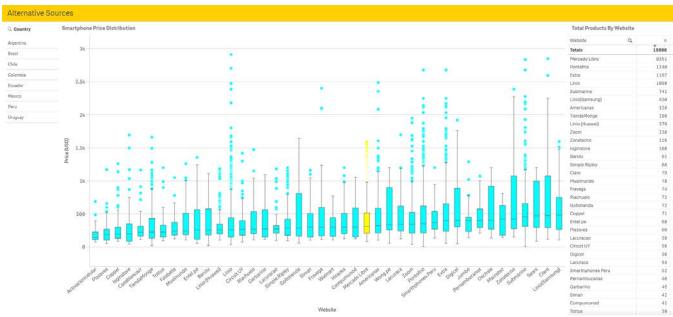
In this analysis we tracked technology prices from 18 countries in Latin America and the Caribbean. We focus on seven categories, namely mobile phones, laptops & tablets, computers & servers, processors, networks and wireless products, software and drones. Data was collected in January February 2019, (Source: mercadolibre.com)











SOCIAL MEDIA III.



SOCIAL MEDIA

Data last loaded: Apr 25, 2019, 3:08 PM Published: Jul 17, 2019, 2:25 PM Published to: ECLAC Management Dashboard

FACEBOOK AD MANAGER API ANALYSIS

■ Sheets

Bookmarks

Stories

■ Stories

■ Description

■

▼ Base sheets (4)





Industries

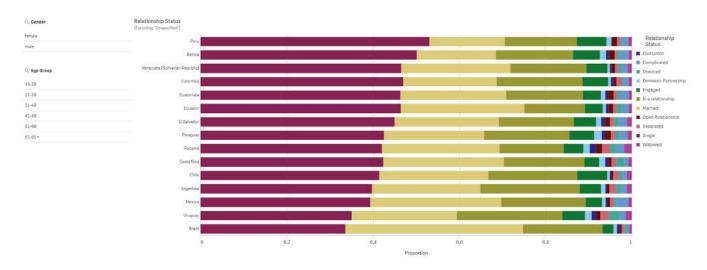


Technology



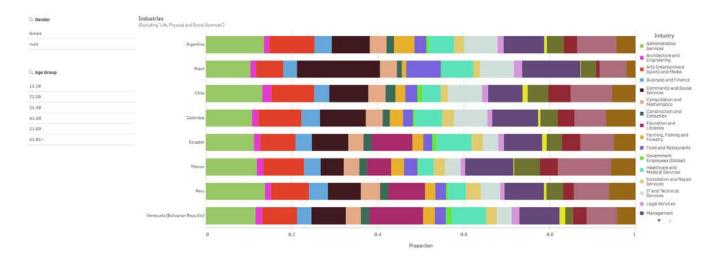
Recreation & Tech Interest

This analysis uses "potential reach" of monthly average users (MAU) reported by the Facebook ads manager API. The reported default value by Facebook for MAU is 1,000 (often even if the daily average user is 0,1 or 2 people per age group and gender, per country). Therefore, the data was collected twice, within one week, to get more reliable results, and report either the average of both collections for MAU, or the number that is different from the 1,000 default. If countries have more than 50 % of the reported fields filled with the unreliable 1,000 default, we exclude these countries from the analysis, due to small sample size (this is the often the case for some Caribbean countries). Data was collected in March 2019.



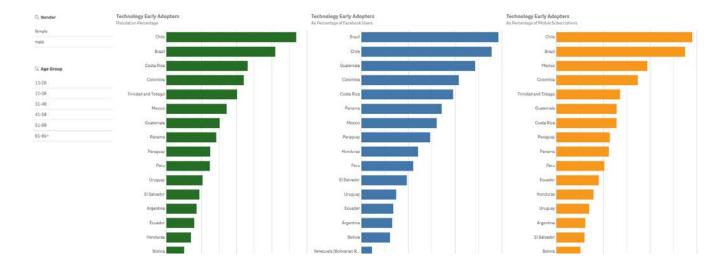
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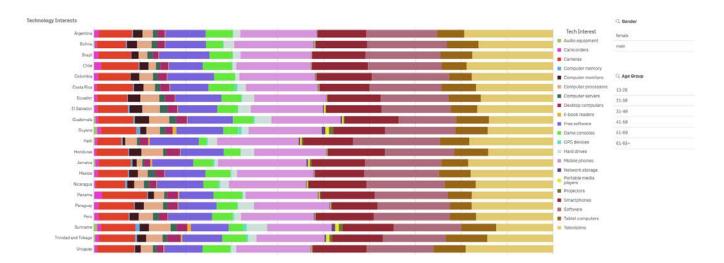
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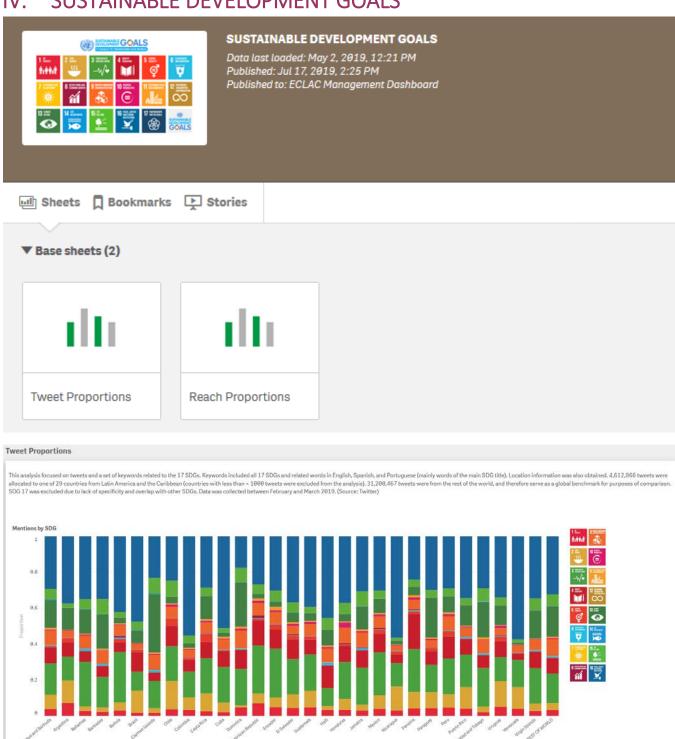


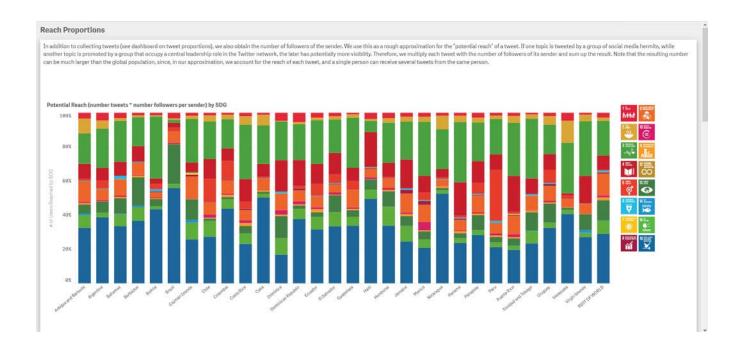
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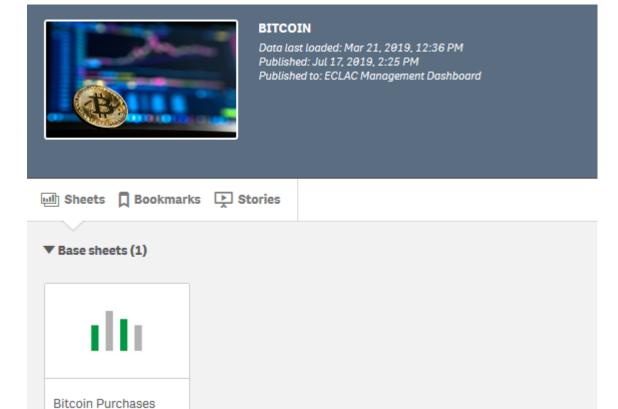


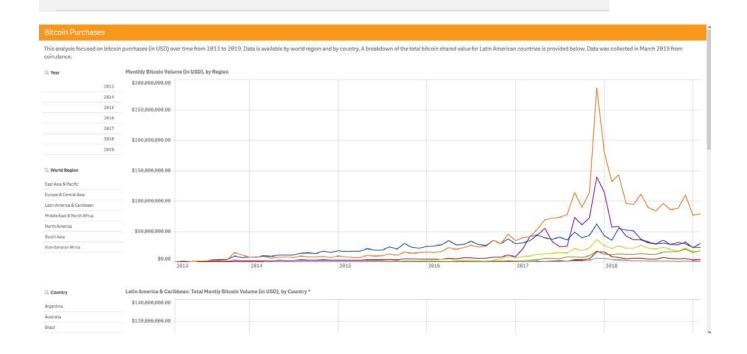
IV. SUSTAINABLE DEVELOPMENT GOALS



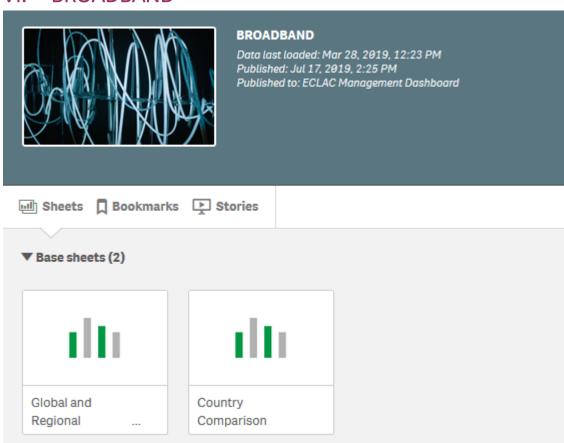


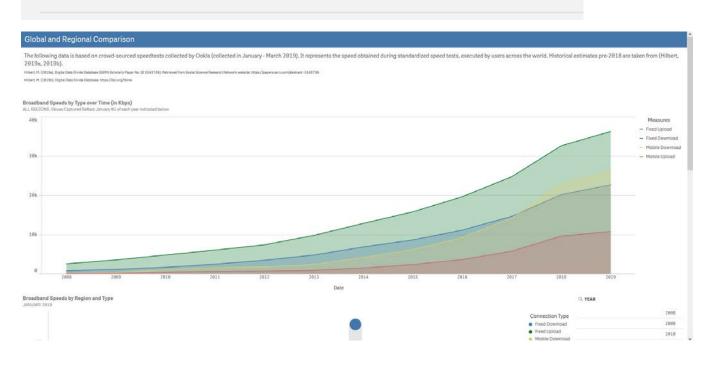
V. BITCOIN

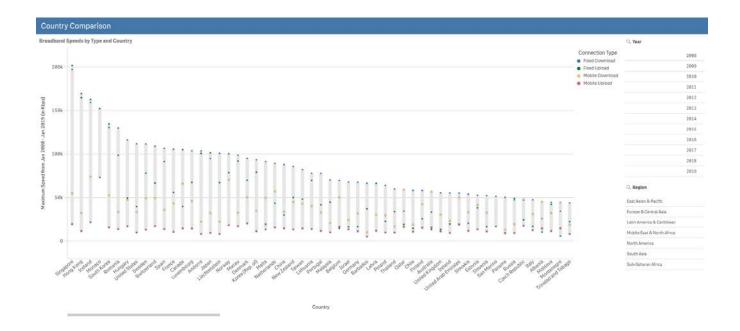




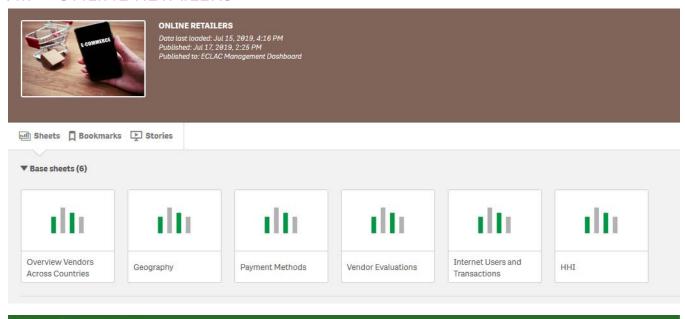
VI. BROADBAND





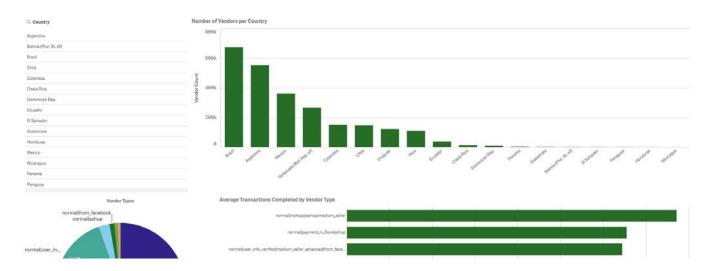


VII. ONLINE RETAILERS



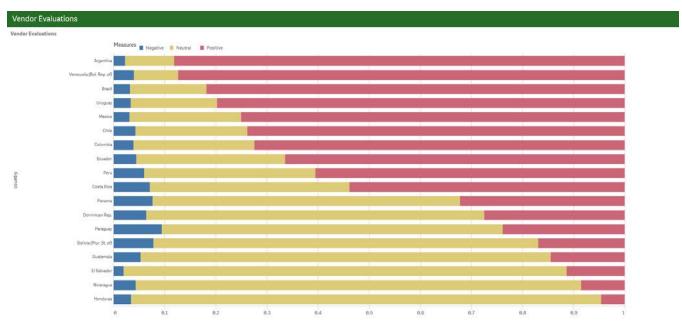
Overview Vendors Across Countries

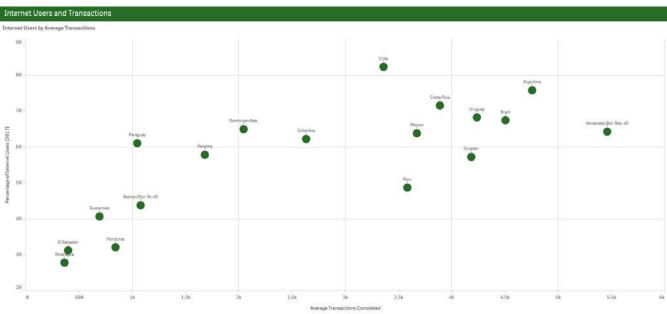
MercadoLibre is the largest online retail platform in the region (MercadoLibre, 2018). We track 2,473,977 retailers from 18 countries. The sample was derived by retrieving information of the 'most relevant items' sold in early March 2019, sampled from all available product categories. Other campling methodologies will lead to a different dataset and might lead to different results. Among the 2,473,977 sellers, we further concentrate our analysis on vendors that are labelled as 'normal' and 'active' on the platform and exclude international sellers, large brands, car dealers, franchises and real estate agencies.

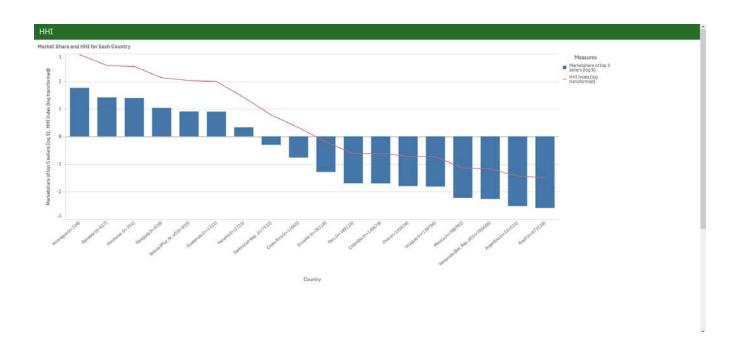












VIII. LABOR MARKET

