

# TEODORA LATINSKA

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## SUMMARY

Data analyst with a strong background in accounting analysis, business trend recognition and informational decision making for large- and mid-level businesses. Able to effectively extract data from various sources, clean, organize, and summarize based on business objectives and present findings in a clear and concise format to facilitate successful decision-making to achieve the desired result of the business or stakeholders. Spanish business proficiency and bilingual in Bulgarian.

## TECHNICAL SKILLS

**Languages:** Python, SQL, HTML, CSS

**DBMS:** PostgreSQL, MongoDB, SQLite

**Visualization Software:** Tableau

**Other:** APIs, Git, Microsoft Office, Oracle JD Edwards, Great Plains

## PROJECTS

**Chicago Arrests,** <http://chicagoarrests.herokuapp.com/>

*jupyter notebook | python | pandas | sklearn | Flask | javascript | html | css | Plotly | D3*

- Analyzed data from the Chicago Open Data Portal to train a machine learning model to predict a binary classification variable – arrest or no arrest in database crimes.
- Tested three different classification models after cleaning and determining features – Random Forest, SGD and SVM classifiers.
- Visualized information in Tableau.

**New York City Waste Analysis,** <https://github.com/tedi529/NewYorkWaste>

*jupyter notebook | python | pandas | matplotlib*

- Analyzed data from the New York City Open Data Portal to determine refuse trends between 1992 and 2018 and paper, metal, glass, and plastic recycling trends between 2005-2019.
- Determined that total refuse production decreased in all boroughs during the time period, with 17% of districts showing decreases at least 50% faster than the mean rate of decrease, while recycling production did not exhibit meaningful change.
- Used the pandas library for downloading and cleaning data, matplotlib for creating visualizations and scipy. stats for linear regression.

**Covid-19 Communication,** <https://covidcommunication.herokuapp.com/>

*jupyter notebook | python | pandas | Flask | javascript | html | css | Plotly*

- Scraped twitter feeds of all 50 US State governors between February 1 and April 3, 2020 to determine prevalence of Covid-19 related tweets.
- Loaded scraped information into PostgreSQL database and created Flask-RESTful API to serve data.
- Visualized data using Leaflet.js and Plotly.js libraries and deployed online using Heroku.

## EXPERIENCE

**Accountant – System’s Implementation, Network Ten**

**Jan 2019 - Jun 2019**

Melbourne, Australia

- Built organization’s financial and accounting reports in Oracle R12 during transition from Oracle 11i for necessary continual financial reporting.
- Created balance sheet, statement of earnings, and other business models using GL Wand for Excel for respective stakeholders which decreased time spent on reporting duties.

- Reconciled trial balance, budget, and actual information during transition to new chart of accounts to maintain integrity of business reporting.
- Completed ad-hoc projects in systems transition as necessary for the business; data verification, current state knowledge, communication with transition team to support project completion deadlines.

**Senior Accountant, Macquarie Telecom Group**  
Sydney, Australia

**Sept 2017 - Mar 2018**

- Created ROA analysis for data centers by determining individual data center revenue and costs, allocating operating expenses, and conducting ongoing consultations with the business. Analysis used by CFO to secure bank financing.
- Managed internal HR Access database to facilitate recruitment, management, and budgeting of human resources.
- Facilitated the transition to new HR software by providing current process information, inefficiencies, and roadblocks and extracting necessary reports for future state.

**Accountant, Lennar Corporation (Financial Services)**  
Miami, Florida

**Feb 2015 - July 2017**

- Prepared year-end financial statements in accordance with USA Generally Accepted Accounting Principles (GAAP) for audit review and Securities and Exchange Commission (SEC) filings.
- Analyzed cost cutting initiatives on various SGA items to minimize expenses.
- Reviewed the accuracy and reasonableness of yearly business plan and quarterly forecasts from Lennar subsidiaries and consolidated for presentation to officers of the company.

**Internal Auditor, Lennar Corporation**  
Miami, Florida

**July 2014 - Feb 2015**

- Successfully completed solo audit in the first three months of being hired with minimal experience.
- Planned risk based corporate audit testing in conjunction with senior management and in accordance with various USA regulations and accounting standards (SEC, SOX, Dodd-Frank).

## **EDUCATION**

**Certificate in Data Analytics and Visualization**  
University of Central Florida, Orlando, Florida

**May 2020**

**Bachelor in Economics, Spanish**  
University of Florida, Gainesville, Florida  
Minor: International Relations

**May 2013**