NAIRA NAZA'S PORTFOLIO

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Profile

Naira Naza Amelia

Hello! I am a fresh graduate from business statistics at the vocational faculty of the Sepuluh Nopember Institute of Technology.

I always believe if there is a will there is a way and if we convince ourselves that we can then that's what happens. That's what always makes me continue to be a diligent, totality, and highly motivated person. Adaquated skilled in Data Analysis, Market Research, Data Visualization and Business Intelligence. Always seek new opportunities to learn, to grow, and to give impacts.

ORGANIZATION EXPERIENCES

2021

Creative Division Staff

Created content introducing the business statistics major and documented the vondasi event.

Staff Internationalization and External Relation

2022

Became the chief executive of global sharing and communication where the event was a socialization of the importance of internationalization.

Documentation and Branding Coordinator

Created instagram feeds of community service program (KKN)

SKILL AND ABILITIES

Programming Languages : Google Colab, JupyterNotebook, and Python

Software Statistics : Minitab, SPSS, Eviews, Microsoft Excel or Google Spreadsheet

Data Visualization : Tableau and Google Data Studio

Statistics : Descriptive Statistics, Exploratory Data Analysis and Visualization, Cluster Analysis, Customer Segmentation, Forecasting and Correlation Analysis, Data Communication Skil

NOTABLE PROJECT

PYTHON SKILL SET

- Basic Python : Data cleaning and preparation in python
Intermediate Python : EDA using python
- Advanced Python Skills : Cluster analysis and customer segmentation using python, regression analysis using python, forecasting using python, correlation using python, and customer churning using python

GOOGLE DATA STUDIO AND TABLEAU SKILL SET

- Google data studio Intermediate : EDA using google data studio, create interactive google data studio dashboard, Maps and geographic data analysis & using advanced chart type in google data studio.
- Tableau basic : Tableau basic funcionalities, Data formatting, Choosing visualization
- Tableau Intermediate : EDA using Tableau, Create interactive Tableau dashboard
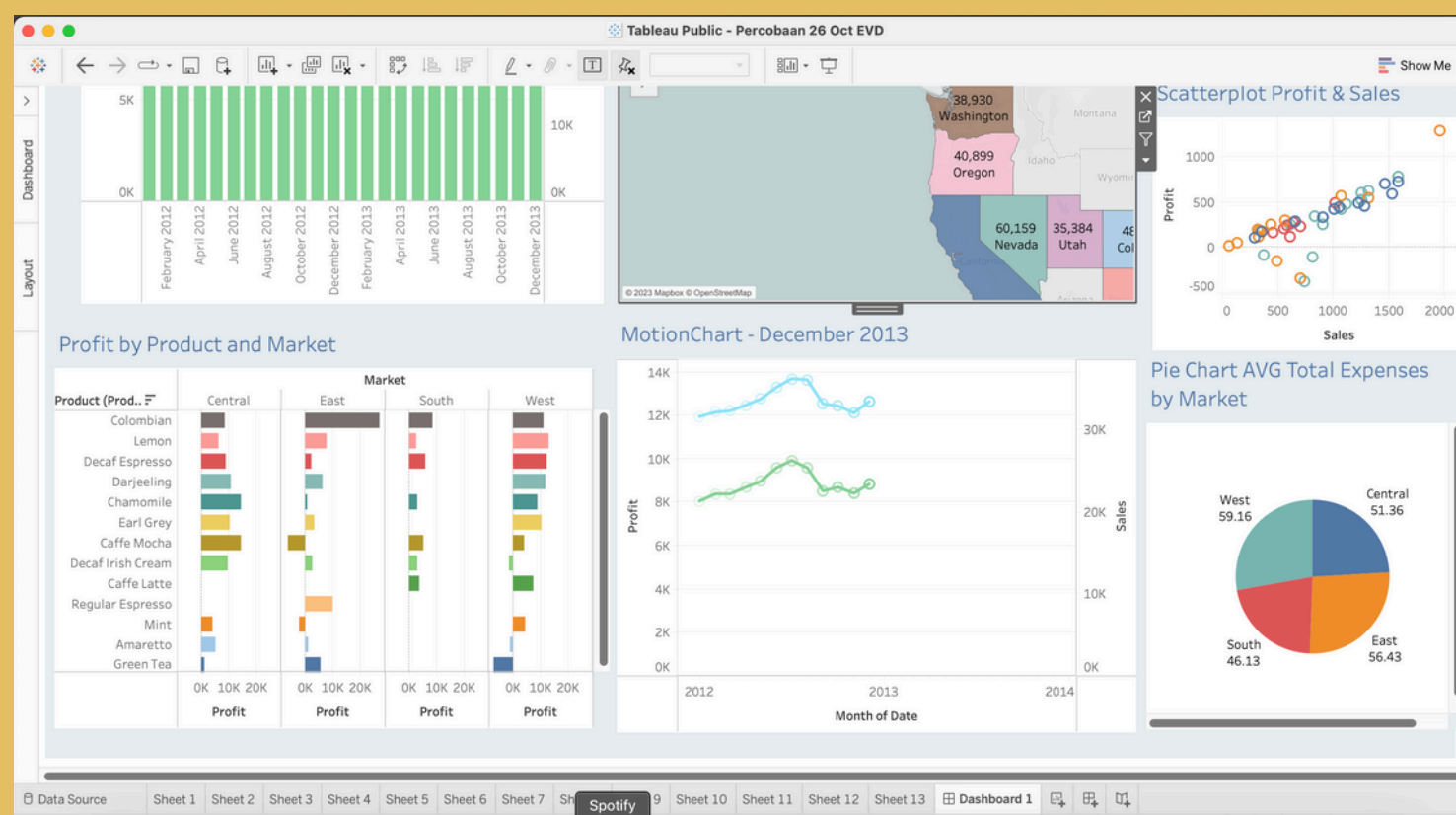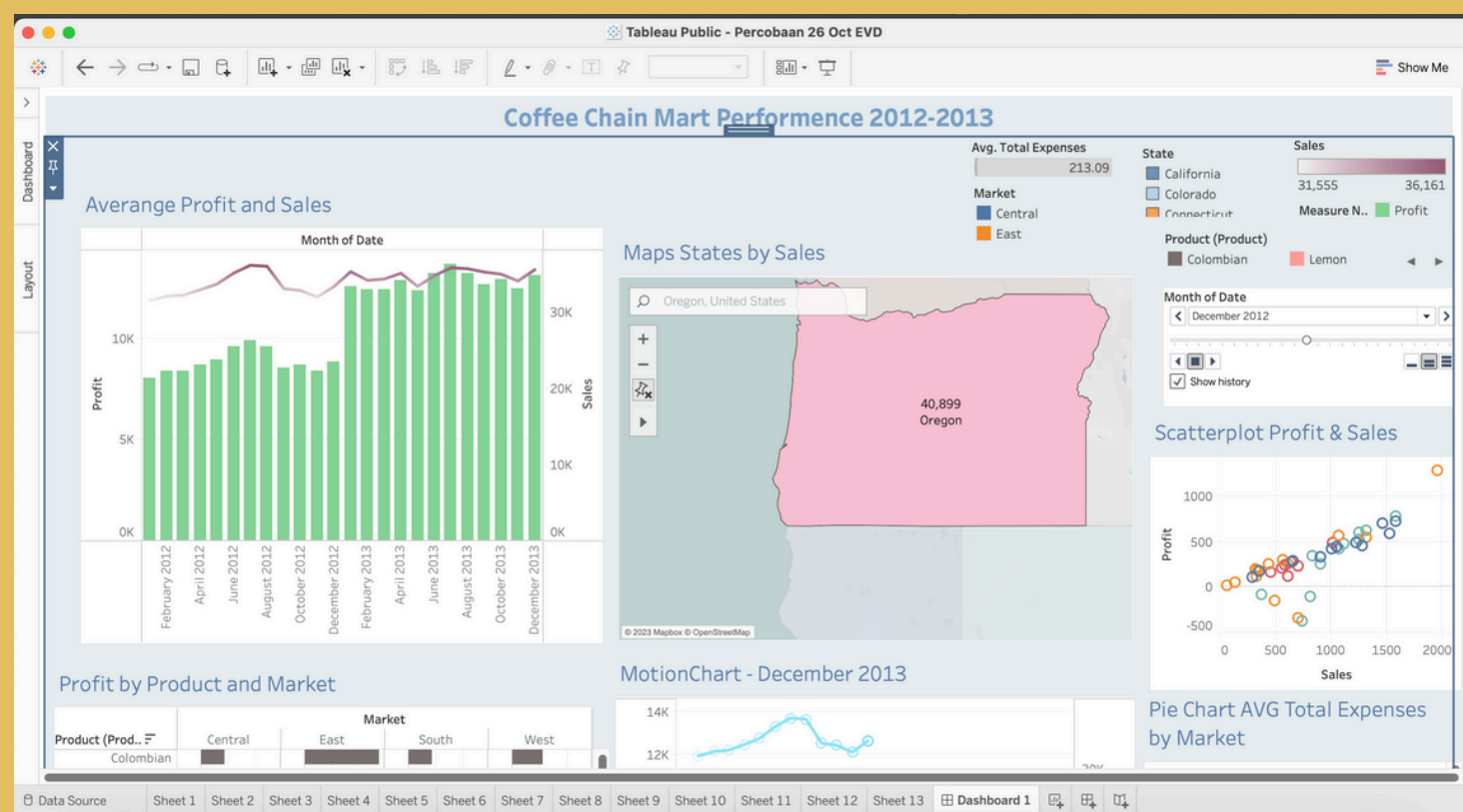- Tableau Advanced : Maps and geographic data analysis & using advanced chart type in Tableau

R STUDIO SKILL SET

- Basic R studio : Data cleaning and preparation in R studio
- Intermediate R studio : EDA using R studio
- Advanced R studio Skills : Cluster analysis and customer segmentation using R studio, regression analysis using R studio, forecasting using R studio, correlation using R studio, and customer churning using R studio.

Modeling with house price in melbourne using machine learning methods


```
_warn_prf(average, modifier, msg_start, len(result))
              precision    recall  f1-score   support

           0       0.83      0.93      0.88       209
           1       0.00      0.00      0.00        36
           2       0.61      0.75      0.67        55

    accuracy                           0.78       300
   macro avg       0.48      0.56      0.52       300
weighted avg       0.69      0.78      0.73       300
```


Connecting to Python 3 Google Compute Engine backend


```
return self._fit(X, y)
/usr/local/lib/python3.10/dist-packages/sklearn/neighbors/_classification.py:215: DataConversionWarning: A column-vector y was passed when a 1d array was exp
  return self._fit(X, y)
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  return self._fit(X, y)
```

	model	best_score	best_params
0	svm	0.840000	{'C': 10, 'gamma': 'auto', 'kernel': 'rbf'}
1	random_forest	0.804286	{'n_estimators': 10}
2	logistic_regression	0.830000	{'C': 1}
3	Decision_Tree	0.840000	{'criterion': 'gini', 'max_depth': 2, 'min_sam...
4	KNN	0.804286	{'n_neighbors': 4, 'weights': 'uniform'}

```python
#Model Tree Tuning
model_tree = DecisionTreeClassifier(criterion = 'gini', max_depth = 3)
model_tree.fit(X_train, y_train)
```

Link dashboard interactive that i made on my midterm exam using google data studio. The dashboard that i made describe the labor and employment by industry type

Link Dasboard

Tableau dashboard interactive that i made on my project. The dashboard that i made describe the coffee chain mart performence

Forecasting the stock prices of Apple and Gojek companies

Peramalan Harga Saham di PT GO-JEK Indonesia dan Apple Inc

Created by : Naja

Statistika Bisnis ITS

Pilihan Saham

Apple ▾

Model yang Digunakan
- ⦿ ARIMA 0,1,1
- ◯ ARIMA 1,1,1

Plot Time Series Saham di PT GO-JEK Indonesia dan Apple Inc

Gojek

Apple

Plot Peramalan

Peramalan 10 Hari Kedepan


```
/
_
[1] "Bukan Model Terpilih"
[1] "Bukan Model Terpilih"
```

Hasil Peramalan

Show 25 ⟐ entries   Search: [   ]

Point Forecast	Lo 80	Hi 80	Lo 95	Hi 95
164367422.868908	160565056.972595	168169788.76522	158552206.054242	170182639.683573
164367422.868908	158707446.573789	170027399.164026	155711236.110578	173023609.627237
164367422.868908	157323796.181386	171411049.55643	153595125.445025	175139720.29279
164367422.868908	156170470.864349	172564374.873466	151831266.5847	176903579.153115
164367422.868908	155160503.32886	173574342.408955	150286654.531364	178448191.206452
164367422.868908	154250866.50477	174483979.233045	148895485.059794	179839360.678021
164367422.868908	153416529.849586	175318315.888229	147619477.258697	181115368.479119
164367422.868908	152641408.918187	176093436.819628	146434032.092033	182300813.645782
164367422.868908	151914441.361479	176820404.376336	145322231.156835	183412614.58098
164367422.868908	151227632.395836	177507213.341979	144271847.486672	184462998.251143
Point Forecast	Lo 80	Hi 80	Lo 95	Hi 95

Showing 1 to 10 of 10 entries   Previous **1** Next

Deskripsi Project

Project ini merupakan kerja sama antara PT GO-JEK Indonesia dan Apple Inc dan ITS khususnya Departemen Statistika Bisnis untuk meramalkan harga saham pada kedua perusahaan tersebut. Metode yang digunakan adalah *ARIMA* ARIMA merupakan Integrasi Model AR dan MA.

THANKYOU,
HAVE A NICE DAY!

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