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Esraa Hekal Abd-Elaziz Soliman	
Academic Degree	Teaching Assistant
Major	Statistics
Minor	Operations Research
Current Position	Teaching Assistant - Institute of National Planning- International Economic Relations center
Career Progression	<ul style="list-style-type: none"> ● Teaching Assistant: Jun. 2017
Academic Qualifications	<ul style="list-style-type: none"> ● Bachelor of Statistics - Statistics Department- Faculty of Economics & Political Science - Cairo University, 2015 ● Pre-Masters - Faculty of Economics and Political Science - Cairo University 2018. ● Master in Statistics, Faculty of Economics and Political Science, Department of Statistics, entitled: "On Cluster Analysis using Semidefinite Programming" 2023.
Work experience	<ul style="list-style-type: none"> ● Attending a group of courses in modeling, the most important of which are: <ol style="list-style-type: none"> 1. Using modeling in drawing and analyzing economic policies. 2. Social accounts matrix and general equilibrium models. 3. Dynamic general equilibrium models. ● Participation in a number of workshops and training courses at Institute of National Planning, such as: <ul style="list-style-type: none"> ● Modern strategies in teaching. ● Institutions ranking. ● Exams and Evaluation in teaching. ● Attending “Publishing in Indexed Journals” Training Course, Cairo



	<p>University during 2019.</p> <ul style="list-style-type: none"> ● Attending “Scientific Writing” Training Course, Cairo University 2019. ● Attending a training course prepared by the Central Agency for Public Mobilization and Statistics and ● Passed training on the SPSS software.
<p>Research and Training Interests</p>	<ul style="list-style-type: none"> • Statistics and Statistical Software such as SPSS, GAMS, STATA, R packages. <p>Model Buildings – operations Research- International Economic Relations.</p>
<p>Researches</p>	<ul style="list-style-type: none"> ● <u>Esraa Hekal, "On Cluster Analysis using Semidefinite Programming"</u> (2023), Master Thesis, Faculty of Economics and Political Science, Cairo University. ● <u>"The Impact of Crises on Egypt's Foreign Exchange Sources"</u> (2022), Policy Papers, National Planning Institute, ● <u>"The Repercussions of the Corona Pandemic on the Job Opportunities of Egyptian Women"</u> (2021), Planning and Development Issues, Institute of National Planning. ● <u>"Towards building an overall standard model for policy assessment and forecasting for the Egyptian economy 2021/2022"</u> (2021) Planning and Development Issues, Institute of National Planning. ● <u>"strengthening value chains in the garment industry to support the competitiveness of Egyptian exports"</u>, (2021) Planning and Development Issues, Institute of National Planning. ● <u>"Egypt's Foreign Trade and the Importance of Accessing the Markets of West African Countries"</u> (2020) Planning and Development Issues, Institute of National Planning. ● <u>"Sustainable cultural Heritage Tourism with Application to Historic Cairo "</u> (2019) Series of Planning and Development Issues, Institute of National Planning. ● <u>"Export development policies in Egypt"</u>(2018) Series of Planning & Development Issues, Institute of National Planning.



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